

XXIVTH

**CONGRESS OF THE INTERNATIONAL SOCIETY
FOR PHOTOGRAMMETRY AND REMOTE SENSING**
THE LARGEST MEETING OF THE GEOSPATIAL COMMUNITY

2ND ANNOUNCEMENT

2020

ISPRS NICE
FRANCE

NICE, FRANCE

14 - 20 JUNE 2020

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ACROPOLIS

INVITATION FROM THE XXIVTH CONGRESS DIRECTOR



Dear Colleagues, dear Friends,

On behalf of the French Society of Photogrammetry and Remote Sensing (SFPT), it is my great pleasure to invite you to attend the XXIVth ISPRS Congress in my home town of Nice from the 14th to the 20th of June 2020. Nice, the cosmopolitan and multicultural capital of the French Riviera, the ideal place to host an unforgettable ISPRS Congress. Nice is an outstanding location between sea and mountains where culture and heritage meet with the cutting edge technology of Sophia Antipolis, the French Silicon Valley.

This 2020 congress will host over 3000 participants with leading specialists and technologists, engineers, researchers and students in the field of photogrammetry, remote sensing, and spatial information sciences coming from universities, research foundations, space agencies, mapping and cadastral agencies, public organisations and private companies, and end-users.

The rich programme will include more than 2000 oral and scientific poster presentations, exciting keynote speeches, a geospatial prospective forum, an innovation forum, and an industry forum. All these events will enable participants to remain at the state-of-the-art on current trends in science, technology and business. Take this opportunity to meet and network with a very large number of experts, and to cross-fertilize with colleagues coming from neighbouring fields!

All the ISPRS 2020 team is looking forward to welcoming you in Nice.

Warmest regards,

Nicolas Paparoditis – Congress Director

INVITATION FROM THE SFPT PRESIDENT



Dear Colleagues, dear Friends,

On behalf of the French Society of Photogrammetry and Remote Sensing (SFPT), it is my great pleasure to invite you to attend the XXIVth ISPRS Congress in the renowned city of Nice from 14-20 June 2020.

For the SFPT, main events already began in 2019: in April we celebrated in Paris and in the presence of Christian Heipke, President of the ISPRS, the bicentenary of the birth of Aymé Laussedat, considered as the father of photogrammetry. This year we will also be marking the 60th anniversary of our National Society.

Since their invention Photogrammetry and later Remote Sensing have always been important disciplines in France. Therefore we are particularly honored to host this quadrennial Congress, the major event in our SFPT calendar.

I let you discover by yourself the exciting program prepared by the ISPRS2020 team. You will recognize the scientific and technical meetings you expect but also innovative proposals, especially through the various fora offered. And were you still hesitating, I assume that Nice and the French Riviera will eventually convince you to come and participate.

All the members of the SFPT and myself are looking forward to meeting you in Nice

Aurélie Sand, SFPT President

INVITATION FROM THE ISPRS PRESIDENT



Dear colleagues and friends,

On behalf of ISPRS - the International Society for Photogrammetry and Remote Sensing, it is my great pleasure to invite you to attend the XXIV ISPRS Congress, which will be held in Nice, France, from 14-20 June 2020. The quadrennial Congress is the most important event in the ISPRS Calendar and offers a wealth of opportunities for anyone interested in 'information from images' - the tag line of ISPRS.

The Congress will feature an outstanding programme with first class plenary speakers, premier technical sessions, a large exhibition and exciting social events. Coming to Nice will give you the opportunity to present your latest research and development, to catch up with developments in photogrammetry, remote sensing and spatial information science and its neighbouring disciplines, and to meet old friends and make new ones.

The importance of information from imagery has been widely recognised in the last decades. The application of imagery is now ubiquitous, with the increased availability of very high-resolution satellite imagery, terrain based imaging and scanning, inexpensive sensors and platforms like smartphones and unmanned aircraft systems, complemented by rapidly growing processing capacity and advancement in information and communications technology. Aerial and satellite imagery has successfully been utilized in a variety of areas such as topographic mapping, precision agriculture and disaster monitoring. Perhaps the most important application today is supporting global change studies in the frame of the UN Agenda 2030 by contributing to the UN Sustainable Development Goals (SDGs). Terrain based imagery has seen a similar increase in prominence, making major inroads e.g. into industrial metrology, cultural heritage preservation and the gaming and movie industries. These developments have paved the way to an increased cooperation with computer vision, robotics and the autonomous driving communities. In addition, crowdsourcing has added a new dimension to data acquisition, and the Geospatial Data Infrastructure has become key to nearly all aspects of geospatial data analysis and use. The Nice ISPRS Congress will provide an opportunity to examine these and other challenges, to discuss how to advance knowledge and knowledge dissemination in our field, and to contribute to the future research agenda.

Nice, located on the French Riviera, is a charming and cosmopolitan venue with an immensely interesting history and cultural significance. It is located close to such well-known places as Monaco, Cannes and Provence. Avignon and Marseille on the French side and Genova on the Italian side are only a small distance away. Thus, Congress participants will not only be able to listen to the latest ISPRS science and technology, but also to enjoy the hospitality of our French hosts in one of the most beautiful regions of Europe.

I encourage all of you to participate in this ISPRS quadrennial Congress, and to prepare and present a paper describing your latest work, to share your experience with others, and to take advantage of this unique opportunity.

I am looking forward to seeing you in Nice in June 2020!

Christian Heipke, ISPRS President

XXIVth ISPRS CONGRESS COMMITTEES

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SCIENTIFIC PROGRAMME

The ISPRS Congress is the *leading forum* where classic and emergent topics related to photogrammetry, remote sensing, and spatial information sciences are discussed. It continues the unique tradition of gathering scientists, educators, and engineers from multiple domains and more than 100 countries. It promotes cross-fertilization between topics and communities, public and private sectors.

The week focuses on how photogrammetry, remote sensing, and spatial information sciences contribute to science and society, such as public policies and the main aspects of life and work today. It will show *how disruptive technologies (sensors and methods) shape and improve the current landscape*, how they create new application fields and opportunities for public and private sectors, as well as their interactions.

The Congress welcomes all papers presenting new achievements, in terms of methods, experiments, and applicative fields, that help to shift the present level of knowledge. The Congress' exceptional value comes from the fact it exhibits the interdisciplinarity of science today and the ubiquity of the application of sensing, whatever the platform (from the satellite to the citizen).

The attendees will obtain up-to-date information about the latest developments in photogrammetry, remote sensing, and spatial information sciences. They will have the opportunity to make new contacts, exchange ideas with colleagues, discover new fields and identify future trends in multiple domains.

The programme over seven days will be carefully tailored so as to ensure smooth planning and to fulfil the expectations of all attendees, should they be interested in diving into one main topic or in having a *glimpse at the main achievements in all domains*.

A Congress built upon oral presentations

All authors with an accepted contribution (abstract or full paper) will be entitled to present their work with an oral presentation. Presenters will be allocated to one of the three possible oral sessions : long, short, and interactive sessions with 15-20 minutes, 7-10 minutes, and 3 minute talks, respectively.

The International Programme Committee (IPC) of the Congress will create the programme based on :

- A consolidation report, based on the reviews, detailing the level of scientific and applicative excellence of the contribution;
- The attractiveness of the subject : promotion of a novel or hot topic, particular application field, interdisciplinarity, etc.
- A short video explaining the method and showcasing the main results. Submitted by the authors with the initial blind paper and/or the camera-ready version, it will help the IPC to decide how to shape the programme.

Programme overview

The programme will start with a tutorial day, followed by six days of sessions of various types : Plenary Meetings, Scientific Tracks (Technical Commission Track and Thematic Session Track), Forum Track, Technology Track, Innovation Track, Youth Forum.

Plenary Meetings

- **Opening Ceremony** (Monday 15 June afternoon) will welcome Congress participants and present the ISPRS.
- **Closing Ceremony** (Saturday 20 June) is the official termination of the Congress. There will be an official hand over of the presidency of the Society. The Congress Director of the host country of the next ISPRS Congress will make a short presentation and receive the ISPRS flag.
- **Six Plenary Sessions**, one every morning, will offer world-class keynote speakers from different countries and with very interesting topics, from inside and outside the ISPRS community. Their list will be publicized on the Congress web page.

The plenary meetings are the only sessions that do not run in parallel with the others.





SCIENTIFIC TRACKS

Technical Commission Track

Technical Sessions are the main core of the Scientific Programme of the Congress. They correspond to a wide range of topics, which are incorporated in the present orientations of the five ISPRS Technical Commissions (TC) and all their Working Groups (WGs). They are presented in detail on the ISPRS website.

Each Technical Commission will have its specific track every day, running in parallel with the others and following the same time schedule. Each track is composed of technical sessions and poster sessions. All of these sessions form, together with the Thematic Sessions (see below), the scientific production in the ISPRS branches since the previous ISPRS Congress.

Acceptance/rejection decision for papers in the Technical Commission Track will be decided by whichever Technical Commission it falls into.

Thematic Session Track

Since 2016, new developments and fields have emerged in many branches of Photogrammetry, Remote Sensing and Spatial Sciences. A specific track, running in parallel with the five Technical commission tracks is therefore dedicated to new topics and application fields. It aims at favouring emerging subjects and cross-fertilization.

Thematic Sessions will present bridging themes between/among WGs or will be formed from excellent new topics not covered by the WG ones. The floor is given to everybody to propose special sessions.

Papers submitted to these sessions will be integrated into the same review process as papers dedicated to technical commission sessions.

FORUM TRACK

A specific track addresses the interactions between science, public organisations, industry and decision-makers on hot topics of the geospatial community. The objective of this track is to see how the ISPRS, as a community, can contribute to « *Building a better future together* » by building collective visions and/or road-maps. The topics that will be addressed are global mapping and resource or climate change monitoring, smart cities, autonomous navigation, digital globes and geo-platforms, spatial data infrastructures, open science/source/data will be the subject of intense and inspiring presentations and panel discussions mixing experts from various levels and communities.

TECHNOLOGY TRACK

The technology track will be devoted to the presentation of the latest technologies, products and services. During the industrial exhibition (15-17 June), the technology track will allow sponsors and exhibitors that are *ISPRS Sustaining Members* to give oral presentations on their latest technological developments. After the industrial exhibition, the technology track will be focused on oral presentations of scientific technologies, products, services and platforms by academic *ISPRS Sustaining Members*. Demonstrations will also be promoted.

INNOVATION TRACK

The innovation track will integrate on the one hand a *mapathon* which is a coordinated and collaborative mapping event. The participants will be invited to make online map improvements from geospatial imagery on areas defined by the organisers of the mapathon including the area around the city of Nice. On the other hand, a hackathon will also take place. This *hackathon* will be a sprint-like event in which geospatial scientists and developers will aim at creating usable software to create a prototype product or service in a collaborative manner by the end of the ISPRS 2020 Congress. The subject will be defined by the organisers together with the local stakeholders.

YOUTH FORUM

Three days will be dedicated to sessions organized by the *ISPRS Student Consortium*. The main purpose of the Consortium is to link students, young researchers, and professionals in different countries and provide a platform for the exchange of information, to organize student-specific events and other actions that integrate the young more effectively into the ISPRS. These sessions focus on graduate, master and PhD students around oral and interactive sessions, speed dating activities with industry and academia, in addition to the Summer School.

All papers will go through the regular review process.



Call for Thematic Sessions

We solicit proposals for Thematic Sessions. The floor is open to all.

Submissions should focus on topics which are not explicitly or insufficiently addressed by the individual ISPRS Working Groups of the five Technical Commissions. They should highlight topics in photogrammetry, remote sensing and spatial information sciences that have newly appeared and/or have reached a significant importance since the XXIII ISPRS Congress in Prague (2016). The goal of a thematic session is to attract specialists with modern methods, themes and applications to present their results to a large ISPRS audience.

Each application must include a title, keywords, a short abstract of the topic (1/2 page) stressing its importance and its relation to the ISPRS missions, the name and CV of the applicants, as well as a tentative list of full papers/authors.

The deadline is **1 October 2019**. Proposals should be sent to sessions@isprs2020-nice.com

An acceptance/rejection decision for thematic sessions will be decided by the International Programme Committee of the Congress. Then, all invited papers will go through the regular review process.

Call for Tutorials

We solicit proposals for Tutorials. The floor is open to all.

Short courses and tutorials will be held on Sunday 14 June, the day before the main programme. Tutorials should give a comprehensive overview or a basic understanding of a specific topic related to photogrammetry, remote sensing, and spatial information sciences. A good tutorial should be educational rather than just a compendium of existing methods. The topic should be sufficiently relevant and important to attract significant interest from the ISPRS community : graduate students, researchers, and practitioners from both academia and industry.

We invite proposals for both half-day and full-day courses. Each submission must include a full course description, the name and CV of the proponents, the expected target audience and number, as well as a description of the resources that will be distributed.

The deadline is **1 October 2019**. Proposals should be sent to tutorials@isprs2020-nice.com. Decisions will be taken by the International Science Committee of the Congress.



Call for Abstracts & Full Papers

Abstracts

Prospective authors of papers for the technical sessions of the Congress and the Youth Forum are invited to prepare an extended abstract of 1000 words of their proposed paper in English. The abstract must contain enough detail to clearly convey the approach and results of the research concepts, and the reasons why it should be considered an interesting message for the audience. The papers must be prepared according to the *ISPRS guidelines*.

Authors of accepted abstracts will be asked to submit their final papers that will be published in the *ISPRS Archives*, the series of peer-reviewed proceedings published by the ISPRS.

Full papers

Prospective authors of papers for the technical sessions of the Congress, the Youth Forum and the thematic sessions are invited to prepare a full paper of 6-8 pages in English, including figures, tables, and references. It should be submitted anonymously.

Authors of accepted full papers will be asked to submit a final paper that will be published in the *ISPRS Archives* or *ISPRS Annals*. This will depend on the output of the evaluation process.

Authors may optionally upload videos showcasing the proposed approach and the main results both when submitting their blind paper and their camera-ready papers. These videos will help the reviewers to take their decision and the International Programme Committee of the Congress to assign papers to long oral, short oral and interactive sessions.

General information

- The papers must be prepared according to the ISPRS guidelines.
- Abstracts and full papers will be submitted electronically using the ConfTool website of the Congress.
- Paper reviews will be conducted according to the ISPRS reviewing process.
- For each submission, the corresponding author must indicate a primary Technical Commission with specific sub-topics in order to ease the assignment process.
- The author may co-author multiple papers. However, each paper must be registered by a different person (one paper, one Full registration! 1 day registration not valid). Please note that an author may present only one paper at the Congress. No exceptions will be made even if authors are participating in thematic sessions.

Questions concerning the submission or the reviewing process can be sent to program@isprs2020-nice.com

IMPORTANT DATES

- **3 February 2020** Deadline for Abstracts & Full Papers (Scientific Tracks, Youth Forum)
- **1 March 2020** Notification of authors for Abstracts
- **30 March 2020** Notification of authors for Full Papers
- **13 April 2020** Deadline for registration payment for Papers to be included in proceedings
Deadline for camera ready papers

ISPRS Archives & Annals

Archives

The International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences is the series of peer-reviewed proceedings published by the International Society of Photogrammetry and Remote Sensing (ISPRS). They contain the peer-reviewed proceedings and the scientific and technical presentations of all ISPRS Congresses, Symposia and selected Conferences and Workshops, the series was established more than 100 years ago.

The publication costs for each Archive volume are settled through the corresponding conference. Therefore, authors do not have to pay article processing charges. Since 2011, the Archives are published under the Creative Common Attribution 3.0 License, see publications.copernicus.org/for_authors/license_and_copyright.html for details. The Archives are listed in the ISI Conference Proceedings Citation Index (CPCI) of the Web of Science, SCOPUS, the E/I Compendex, and the Directory of Open Access Journals (DOAJ).

Annals

The ISPRS Annals of Photogrammetry, Remote Sensing and Spatial Information Sciences contain full paper double-blind peer-reviewed scientific contributions of ISPRS Congresses, Symposia and a number of Conferences and Workshops. The series was newly established in 2012.

The publication costs for each Annal volume are settled through the corresponding conference. Therefore, authors do not have to pay article processing charges. The Annals are open access publications; they are published under the Creative Common Attribution 3.0 License, see publications.copernicus.org/for_authors/license_and_copyright.html for details. The Annals are listed in the ISI Conference Proceedings Citation Index (CPCI) of the Web of Science, SCOPUS, the E/I Compendex, and the Directory of Open Access Journals (DOAJ).

Reviewing process

Paper reviews will be conducted according to the ISPRS reviewing process.

According to the primary (and possible secondary) Technical Commission specified through the Conference Management System, each submission falls into a specific Working Group. The TC Presidents and the Programme Chairs of the Congress fast check the paper and decide to allocate the paper to a specific WG or even another TC, in accordance with the authors.

Technical Commission Presidents and Vice-Presidents (TCP) assign the papers to Area Chairs (AC). AC are selected among WG officers and external experts if required. They check whether papers are consistently, fairly, and timely evaluated. The TCP ensure the harmonization between all AC.

Area Chairs select qualified reviewers and take preliminary acceptance/rejection decisions for papers in which they are experts. AC should be preferably officers of the WG related to the submission. They also carefully read the papers and animate a discussion phase after a first round of review if necessary, in addition to the review collection process. The AC do not write reviews themselves: they make their decision based on the collected reviews, and their own opinion on the quality of a paper. In this decision making, the AC officers can ignore reviews of a poor quality (e.g., missing motivation for negative assessments, sparse comments). They are asked to take position if reviewers expressed contradicting views on the quality of a paper.

- Area Chairs should report any conflict of interest as soon as possible, so that TCP can transfer papers to another AC.
- TCP check the preliminary decisions of the AC and make the final decision. TCP can involve another AC for decision taking if necessary.

The **final decision** can be :

- Accepted for publication in the ISPRS Annals : full papers that were the best rated ;
- Accepted for publication in the ISPRS Archives : accepted abstracts and other full papers ;
- Rejected : both abstracts and full papers can be rejected.

Whether an accepted paper will be presented in a long, short oral or an interactive session is decided later by the International Programme Committee of the Congress. Such a decision is strongly based on the recommendation of the TCP and AC. For that purpose, a consolidation report is written for each contribution. Papers submitted by TCP will be reviewed out of the Commission by a specific pool of reviewers. Papers submitted by WG officers will be directly handled by the TCP and redirected to another WG.

Programme building

The final programme is built by the International Programme Committee of the Congress. It is composed of the Programme Chairs of the Congress, the chair of the ISPRS International Science Advisory Committee (ISAC), Technical Commission Presidents and Technical Commission Advisors (Vice-Presidents or Experts), representatives of the National Scientific Committee, and the chair of the ISPRS Student Consortium. The committee is led by the chair of ISAC.

Five programs are in practice, constructed in parallel:

- The Scientific tracks, composed of the Technical and Thematic Sessions;
- The Youth Forum track, built by the ISPRS Student Consortium;
- The Forum track, that will be fed with some papers from the Scientific Tracks;
- The innovation forum, that will not include scientific papers and will leave room for more diverse activities (solvathon, hackathon, mapathon, etc.);
- The Technology track, built by the International Industrial Advisory Committee (I2AC), that is likely to be fed with some papers from the Scientific Tracks if they complement the existing presentations.

The six scientific tracks (one for each of the five commissions and one for the Thematic Sessions) include the large majority of all accepted papers. The International Programme Committee decides whether papers go to:

- Long oral sessions : 15-20 minutes are allocated per presentation;
- Short oral sessions : 7-10 minutes are allocated per presentation;
- Interactive sessions : a 3 minute spotlight presentation and a poster are allocated per presentation. The spotlight shows a global overview of the method. It will be presented the day before the poster session which the paper was assigned to.

Such a decision is based both on the scientific excellence of the paper (review scores, feedback from Area Chairs and TCP) and *its attractiveness* (promotion of a novel or hot topic, particular application field, interdisciplinarity, etc.). Therefore, there is no direct link between papers published in the Annals and Archives and presentation in Oral and Interactive sessions, respectively.

The submission of a *short video* explaining the method and showcasing the main results with the initial blind paper and/or the camera-ready version is highly encouraged for authors interested in long and short oral sessions.



ACROPOLIS

ISPRS AWARDS, PRIZES & RECOGNITIONS

The International Society for Photogrammetry and Remote Sensing recognizes individual accomplishments through the sponsorship of awards and honours which are granted at each quadrennial ISPRS Congress. Nominations for deserving candidates for awards are welcome and may be made by individuals or organizations at any time, but before the deadlines given overleaf. Each nomination must be in written form (e-mail is acceptable) and submitted to an ISPRS Council member. The following is a brief summary of all awards and honours granted by the ISPRS. (the year of initial presentation of each award or honour is denoted in parentheses.) The terms of reference for most awards are provided on the ISPRS home page <http://www.isprs.org/documents/awards.aspx>. and published in the Silver Book :ISPRS Organisation and Programmes.

All ISPRS members and individuals are entitled to nominate worthy candidates. You can find the links for online nominations on the Award page. www.isprs.org/society/awards/nominations/default.aspx. It is also possible to submit a nomination in written form (email acceptable) to an ISPRS Council member by the given deadlines. Please note that self nomination is only possible for the von Gruber Award, the Schwidefsky Medal, the Karl Kraus Medal and the Dolezal Award.

ISPRS Honorary Member and Fellow Nominations :

An ISPRS Honorary Member 1926 Is elected by the Society in recognition of distinguished services to ISPRS and its aims. There may not be more than ten living Honorary Members of the Society at any given time. Honorary Members have the right to attend meetings of the Society and shall not be called upon to pay registration fees at functions sponsored by the ISPRS.

An ISPRS Fellow 2010 Is elected by the Society in recognition of sustained, excellent service to the ISPRS and its aims. There may not be more than 5 fellows elected at any General Assembly. Nominations for fellowship may be made to the Fellows Committee which will recommend persons for election to the General Assembly. Nominations should be sent to President Christian Heipke by 1st October 2019.

ISPRS Prizes and Recognitions :

The Brock Gold Medal Award 1956 Sponsored by the American Society for Photogrammetry and Remote Sensing, is presented for an outstanding landmark in the evolution of photogrammetry, remote sensing and spatial information sciences. The award consists of a gold medallion. Ordinary Members of ISPRS are encouraged to nominate candidates for the Award. Nominations must be signed by two individuals of different nationalities and also a different nationality from that of the candidate. Nominations should be sent to Secretary General Lena Halounova by 1st October 2019.

The Otto von Gruber Award 1964 Sponsored by the Netherlands Center of Geodesy and Geoinformatics, is presented to a young (less than 40 years old) sole author of a paper of outstanding merit in photogrammetry, remote sensing and spatial information sciences written in the four year period preceding the Congress. The Award consists of a medal and a monetary grant. Applications may be self nominated and must include three copies of the paper sent to President Christian Heipke by 1st February 2020.

- The Schwidewsky Medal 1988** Sponsored by the German Society for Photogrammetry, Remote Sensing and Geoinformation (DGPF), is presented to persons who have made significant contributions to photogrammetry, remote sensing and spatial information sciences, either through the medium of publication as author or editor, or in another form. The award consists of a medal manufactured in porcelain and a certificate. Nominations for the Medal should be sent to President Christian Heipke by 1st February 2020.
- The Willem Schermerhorn Award 1988** Sponsored by Geo-Information Netherlands is granted to a person who has most significantly contributed to the activities of a Working Group of the ISPRS during the four year Congress period. The award consists of a certificate. Nominations for the Award should be sent to President Christian Heipke by 1st February 2020.
- The Samuel Gamble Award 1988** Sponsored by the Canadian Institute of Geomatics, is presented to up to three individuals who have contributed significantly to the development, organization or professional activities of photogrammetry, remote sensing and spatial information sciences, at the national or international level. The award consists of a certificate. Nominations should be sent to Secretary General Lena Halounova by 1st February 2020.
- The Eduard Doležal Award 1996** Sponsored by the Austrian Society of Surveying and Geoinformation, consists of a complimentary registration and a grant for limited travel and expenses for at least one individual from developing countries, to participate in the ISPRS Congress. Candidates are those who have permanently implemented a practical application of photogrammetry, remote sensing or GIS in an efficient manner or which documents their outstanding success in support of these fields. Applications may be self nominated and should be submitted to Secretary General Lena Halounova by 1st January 2020.
- The U. V. Helava Award 2000** Sponsored by Elsevier BV and Leica Geosystems AG, consists of a grand prize of CHF 10,000 and a silver plaque presented to the author(s) of the most outstanding paper published exclusively in the ISPRS International Journal of Photogrammetry and Remote Sensing during the four years preceding the Congress, and three runner- up prizes of a Journal subscription and certificate, presented to the author(s) of the best papers published in each of the other three years preceding the Congress.
- The Giuseppe Inghilleri Award 2012** Sponsored by the Italian Society for Surveying and Photogrammetry (SIFET) is presented to a person who has significantly enhanced the applications of photogrammetry, remote sensing or spatial information sciences in the 4 years preceding the Congress. The award consists of CHF 2,500 and a certificate. Nominations should be submitted to President Christian Heipke by 1st February 2020.
- The Wang Zhizhuo Award 2008** Sponsored by The Chinese Society of Geodesy, Photogrammetry and Cartography (CSGPC) consists of a medal and a monetary grant (SFr. 2,500). It will be granted at each quadrennial ISPRS Congress to a person who has made significant achievement or innovation in the spatial information sciences. Nominations should be sent to President Christian Heipke by 1st February 2020.

The Frederick J. Doyle Award 2012 Will be awarded to an individual who has made significant accomplishments in advancing photogrammetry, remote sensing and spatial information sciences and technologies. A recipient of the award should typically be less than 50 years of age and have outstanding stature within the ISPRS community. The award consists of a silver medal and a monetary grant. Nominations for the Award should be sent to President Christian Heipke by 1st February 2020.

The Karl Kraus Medal 2010 Sponsored by the German Society for Photogrammetry, Remote Sensing, and Spatial Information Sciences (DGPF), the Austrian Society of Surveying and Geoinformation (OVG), and the Swiss Society of Photogrammetry, Image Analysis, and Remote Sensing (SGPBF), is awarded to authors of excellent textbooks in the fields of photogrammetry, remote sensing, and spatial information sciences, written in one of the official languages of the ISPRS, and published no more than eight years prior to the commencement of the quadrennial ISPRS Congress at which the medal is to be presented. Nominations for the Award should be sent to President Christian Heipke by 1st February 2020.

The ISPRS Best Young Author Award 1988 Are sponsored by donor organizations and ISPRS, recognizes authors who are less than 35 years old on the opening day of the Congress and are the sole or 1st author of a high quality paper accepted for oral presentation at the Congress. Typically, one award is presented for each ISPRS Commission. Each award consists of a certificate and a SFr. 2,500 grant to enable the awardees to participate in the Congress. To be eligible, young authors must submit their paper through the paper submission platform on the ISPRS 2020 website and send an email to Congress Director Nicolas Paparoditis by 1st February 2020.

The ISPRS Best Poster Award 1988 At the Congress, a total of two awards per Technical Commission are sponsored by ISPRS. Each award consists of a certificate and a gift from the Congress Director.

The President's Honorary Citation 1988 Is a certificate of recognition presented by the President of ISPRS to a chairperson, co-chairperson or member of a Working Group of each ISPRS Technical Commission. The citation is to recognize special, personal and meritorious contributions to the operation of the relevant Technical Commission's activities and advancement of its interests, during the quadrennial term of the Society. Nominations should be made by the Technical Commission Presidents to President Christian Heipke by 1st March 2020.

The ISPRS CATCON Award 1996 At each Congress, the software contest CATCON is organised, sponsored by The ISPRS Foundation (TIF). The main objective is to promote the development and dissemination of effective and user-friendly, open-source and preferably non-commercial software designed and used for computer assisted teaching in one of the areas of interest of ISPRS. The award consists of a monetary grant (Gold Award SFr. 3.000, Silver Award SFr. 2.500, Bronze Award SFr. 1.500) and a certificate.

The Jack Dangermond Award since 2020 Sponsored by MDPI and ESRI, consists of a grand prize of USD 10,000 and an ISPRS certificate presented to the author(s) of the most outstanding paper published exclusively in the ISPRS International Journal of Geo-Information during the four years preceding the Congress, and three runner-up prizes of a Journal subscription and certificate, presented to the author(s) of the best papers published in each of the other three years preceding the Congress year.

| Award Deadlines : | |
|---------------------------|--------------------------------------|
| Brock Gold Medal Award | 1st October 2019 |
| Eduard Doležal Award | 1st January 2020 |
| Otto von Gruber Award | 1st February 2020 |
| Samuel Gamble Award | 1st February 2020 |
| Willem Schermerhorn Award | 1st February 2020 |
| Schwedfsky Medal | 1st February 2020 |
| Wang Zhizhuo Award | 1st February 2020 |
| Karl Kraus Medal | 1st February 2020 |
| Frederick J. Doyle Award | 1st February 2020 |
| Giuseppe Inghilleri Award | 1st February 2020 |
| Jack Dangermond Award | Does not require a formal submission |
| U.V. Helava Award | Does not require a formal submission |

| Other Deadlines : | |
|-------------------------------|-------------------|
| Fellows | 1st October 2019 |
| ISPRS Best Young Author Award | 1st February 2020 |
| President's Honorary Citation | 1st March 2020 |



ISPRS YOUTH ACTIVITIES

About the ISPRS Student Consortium



The International Society for Photogrammetry and Remote Sensing Student Consortium, also known as the ISPRS SC, was established in 2004 during the XX International Society for Photogrammetry and Remote Sensing (ISPRS) Congress in Istanbul, Turkey. The ISPRS SC is the official representation of the students and young people in the ISPRS. The ISPRS SC works under the Technical Commission V (formerly Technical Commission VI), "Education and Outreach," and collaborates with Working Group V, "Promotion of the Profession to Young People."

The members of the organization are students and young professionals under the age of 35, who share the same interests in photogrammetry, remote sensing and spatial information science.

The main purpose of the ISPRS SC is to link students, young researchers and professionals in different countries, who are interested in photogrammetry, remote sensing and spatial information sciences. ISPRS SC also aims at providing a platform for exchange of information and at organizing student-specific events and other activities that integrate students and young people more effectively into ISPRS activities.

For more information about the ISPRS SC, you may visit their official website : <http://sc.isprs.org/about/isprs-sc.html>

Youth Forum

The ISPRS SC will be organizing a number of activities for 3 days, dedicated to graduate and postgraduate students, and young researchers and professionals under the Youth Forum. These sessions are designed to encourage young people to learn more about ISPRS and the ISPRS SC, and are great opportunities to share scientific work and broaden professional networks.

These sessions will include the following: (1) Technical Sessions, with both oral and interactive presentations from young people, and (2) The Speed Dating Event, which will help the young to meet and connect with industry experts and academicians across the globe. In addition, a Summer School will also be organized in conjunction with these sessions.

All papers will go through the regular review process (see chapter Call for Abstracts & Full Papers).

Opening of abstract and full paper submission platform : 18 October 2019
Deadline for Abstracts and Full Papers : 3 February 2020

More information about the activities organized during the XXIVth Congress will be available soon on the conference website : <http://www.isprs2020-nice.com/>

Awards for the Young

Outstanding papers submitted to the Youth Forum Technical Sessions will be recognized and awards will be given under the following categories : (1) Best Papers and (2) Best Posters. To qualify for these awards, the author must be under 35 years old (by 14th June 2020) and must be the first author of the paper submitted to the Technical Sessions. The deadline for submission of full papers is 3 February 2020.

FINANCIAL ASSISTANCE / TRAVEL GRANTS



The ISPRS Congress Organizing Committee, IRD and The ISPRS Foundation (TIF) are pleased to announce that a limited number of travel grants will be available to provide financial support for deserving attendees from developing countries.

TIF is a non-profit entity, administered exclusively for benevolent purposes of the International Society for Photogrammetry and Remote Sensing (ISPRS), a non-profit, non-governmental, international society legally registered in Maryland, USA. TIF is managed by a Board of Trustees. TIF provides a broadly-based programme of grants, scholarships, awards, supplies and other forms of aid to individuals and organizations pursuing the knowledge of the sciences and technologies associated with the disciplines embodied by the ISPRS, especially to those in developing countries and regions.

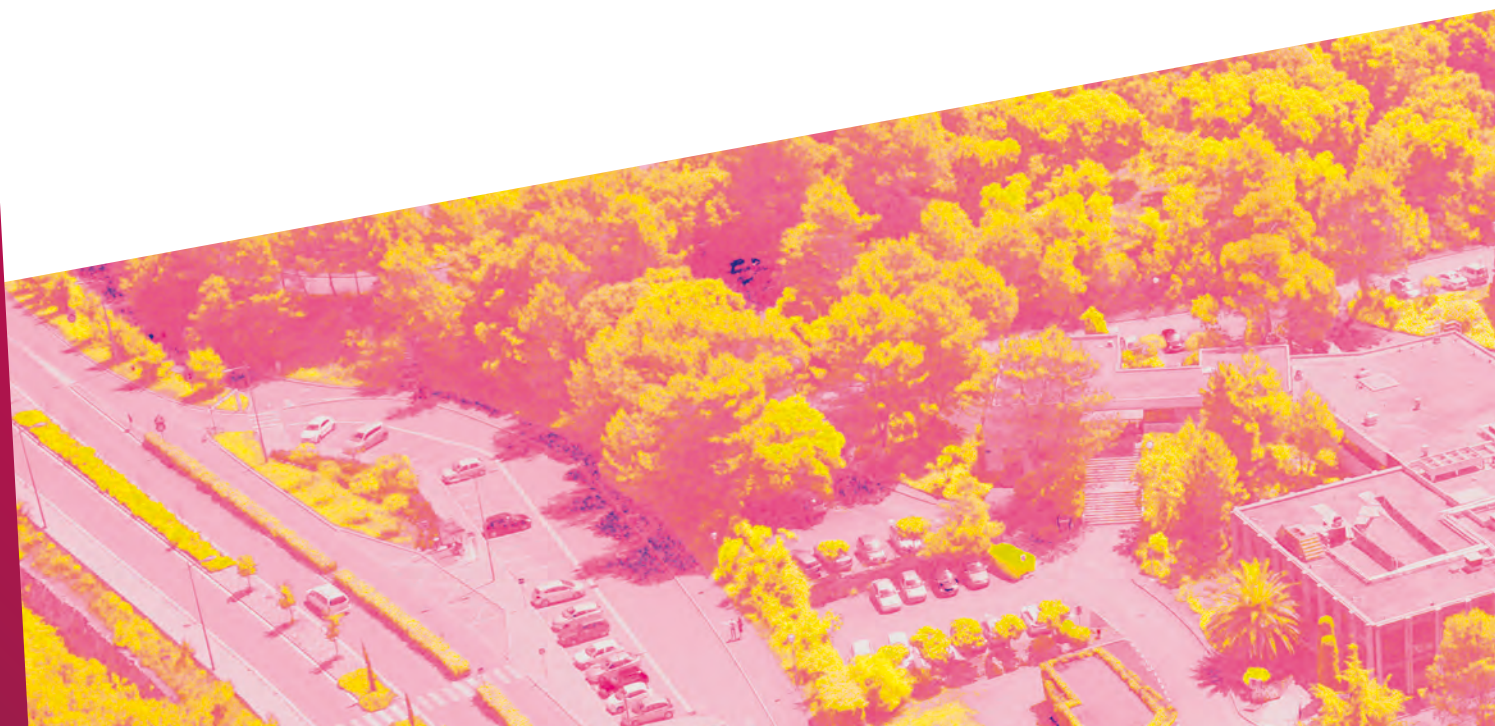
Applicants should meet the following criteria :

- Reside in developing (ODA) countries or countries in transition
- Have no or insufficient funds from other sources to support their participation
- Present a paper or a poster at the event, or be the national representative of a Member of ISPRS at the General Assembly
- Include a letter of acceptance of a paper (if appropriate) from the Congress Organizing Committee.

Due to the large number of requests and the limited funds available, only partial funding may be available. To support as many applicants as possible, those individuals requesting a minimum amount of support and/or with evidence of support from their organization will receive higher priority.

Information about travel grants will be available on the Congress website (www.isprs2020-nice.com). Each applicant must specify the financial assistance required, by completing the online questionnaire

www.isprs.org/foundation/forms/Travel_Grants.aspx and submitting it later than 21 February 2020. Written notification of whether you will receive financial assistance, and the amount, will be sent by the 20 March 2020.



Financial grants will be given in \$US cash at the ISPRS Congress. No payments will be made prior to your attendance at the Congress. This means that all necessary costs to attend the Congress must be paid by you in advance of your attendance, and you will receive your payment at the Congress.

TIF - The ISPRS Foundation : TIF is a public charity formed to administer an extensive and broadly-based international programme that through the raising of funds will provide grants, scholarships, awards, training supplies and other forms of scientific assistance to qualified individuals and organizations who are pursuing and/or applying knowledge for advancing the sciences and technologies associated with the disciplines embodied by the ISPRS, especially to support those in developing countries and regions. Through the public promotion of its philanthropic efforts TIF aims to foster greater international awareness and use of the benefits that applications of photogrammetry, remote sensing and spatial information sciences produced for the public good and for the well-being of humanity and sustainability of the environment. The ISPRS Foundation solicits donations and provides grants in 12 Categories of benevolence. More information can be found on the ISPRS website :

<http://www.isprs.org/foundation/foundation/default.aspx>

that all necessary costs to attend the Congress must be paid by you in advance of your attendance, and you will receive your payment at the Congress.



PROGRAMME AT A GLANCE

| | AM | | PM | |
|----------------------------------|---|-----------------|---|-------------------------------------|
| Sunday 14 June 2020 | Tutorials ISPRS General Assembly I | | Tutorials ISPRS General Assembly I | Exhibition* |
| Monday 15 June 2020 | Scientific tracks Technology track Forum track | Poster sessions | Scientific tracks Technology track Forum track | Exhibition* Opening ceremony |
| Tuesday 16 June 2020 | Scientific tracks Technology track Forum track ISPRS General Assembly II | Poster sessions | Scientific tracks Technology track Forum track ISPRS General Assembly II | Exhibition* *Mediterranee/Rhodes |
| Wednesday 17 June 2020 | Scientific tracks Technology track Forum track | Poster sessions | Scientific tracks Technology track Forum track | Exhibition* |
| Thursday 18 June 2020 | Scientific tracks Technology track Youth Forum Innovation track Forum track | Poster sessions | Scientific tracks Technology track Youth Forum Innovation track Forum track | |
| Friday 19 June 2020 | Scientific tracks Technology track Youth Forum Innovation track Forum track ISPRS General Assembly III | Poster sessions | Scientific tracks Technology track Youth Forum Innovation track Forum track ISPRS General Assembly III | |
| Saturday 20 June 2020 | Scientific tracks Technology track Youth Forum Innovation track Forum track | Poster sessions | Scientific tracks Technology track Youth Forum Innovation track Forum track | Closing ceremony |

KEY DATES

2019

| | |
|-------------------|--|
| 28 August 2019 | <ul style="list-style-type: none"> ● Opening of registration platform/system |
| 30 September 2019 | <ul style="list-style-type: none"> ● Deadline for « very early bird » Registrations |
| 1 October 2019 | <ul style="list-style-type: none"> ● Deadline for Thematic Session Proposals ● Deadline for Tutorials Proposals |
| 15 November 2019 | <ul style="list-style-type: none"> ● Notification of Applicants - Thematic Sessions ● Notification of Applicants - Tutorials |
| 18 November 2019 | <ul style="list-style-type: none"> ● Opening of Abstract and Full Paper submission platform |

2020

| | |
|-----------------|---|
| 31 January 2020 | <ul style="list-style-type: none"> ● Deadline for submission to travel grants |
| 3 February 2020 | <ul style="list-style-type: none"> ● Deadline for abstracts & full papers - technical sessions ● Deadline for abstracts & full papers - young scientists |
| 2 March 2020 | <ul style="list-style-type: none"> ● Notification of authors for abstracts - technical sessions ● Notification of authors for abstracts - young scientists |
| 30 March 2020 | <ul style="list-style-type: none"> ● Notification of authors for full papers - technical sessions ● Notification of authors for full papers - young scientists |
| 13 April 2020 | <ul style="list-style-type: none"> ● Deadline for « early bird » registrations ● Deadline for registration payment for papers to be included in proceedings ● Deadline for camera ready papers |
| 4 May 2020 | <ul style="list-style-type: none"> ● Final Program Release |
| 1 June 2020 | <ul style="list-style-type: none"> ● Deadline for regular registrations |

REGISTRATION & FEES

Dates, deadlines and what is included in your fee are listed below for your information.

Registration dates

Very Early bird registration : 28 August to 30 September 2019

Early bird registration : 1 October 2019 to 13 April 2020

Regular registration : 7 April to 1 June 2020

Late registration/on site : 2 June to 20 June 2020

Registration rates

| | Very Early Bird - before 30/09/2019 | Early bird - before 13/04/2020 | Regular - before 01/06/2020 | Late/On site - 2-20/06/2020 |
|-------------------------------|--|-----------------------------------|--------------------------------|--------------------------------|
| | VAT included | VAT included | VAT included | VAT included |
| 1. Delegates | | | | |
| Full fees - basic | 440,00 € | 700,00 € | 850,00 € | 1 000,00 € |
| Full fees - standard | 680,00 € | 940,00 € | 1 090,00 € | 1 240,00 € |
| Reduced fees* - basic | 220,00 € | 350,00 € | 425,00 € | 500,00 € |
| Reduced fees*- standard | 460,00 € | 590,00 € | 665,00 € | 740,00 € |
| 1 day fees - basic | 250,00 € | 250,00 € | 350,00 € | 350,00 € |
| 1 day fees - standard | 290,00 € | 290,00 € | 390,00 € | 390,00 € |
| 2. Accompanying person | 150,00 € | 150,00 € | 250,00 € | 250,00 € |

(*) Students or pensioners over 65

(*) B.Sc and M.Sc students are considered undergraduate university students or just graduated (3 months) and should upload a valid evidence of their student status when registering. PhD students should provide a valid evidence of their student status when registering. Senior are considered participants over 65 years old on 14 June 2020 and can show a valid ID on arrival.



What is included in my conference fee?

■ Delegate : basic

- All Conference sessions
- Morning & afternoon Coffee/Tea (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday)
- Opening & Exhibitors Reception
- Access to the ISPRS Exhibition
- Tramway pass

■ Delegate : standard

- All Conference sessions
- Morning & afternoon Coffee/Tea (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday)
- Luncheons on Monday, Tuesday, Wednesday, Thursday, Friday, Saturday
- Opening & Exhibitors Reception
- Access to the ISPRS Exhibition
- Tramway pass

■ Delegate : basic - 1 day

- Conference sessions (1 day)
- Morning & afternoon Coffee/Tea (1 day)
- Opening & Exhibitors Reception
- Access to the ISPRS Exhibition

■ Delegate : standard - 1 day

- Conference sessions (1 day)
- Morning & afternoon Coffee/Tea (1 day)
- Lunch (1 day)
- Opening & Exhibitors Reception
- Access to the ISPRS Exhibition

■ Accompanying person :

- Opening Ceremony
- Opening & Exhibitors Reception
- Closing Ceremony

■ What costs extra?

- Gala Dinner
- Cultural programme
- Some networking events
- Morning & Afternoon Coffee/Tea

More Information about the Social Programme will be available on the website

Certificate of Attendance :

All registered participants can download their Certificate of Attendance from ConfTool.

How to Register :

Online registrations will open on 28th August 2019.

Cancellation and Refund Policy :

Cancellations received before 13th April 2020 : refund, less an administrative charge of EUR 200. Cancellations after this date : no refund

SOCIAL PROGRAMME

Please find below a short overview of the scheduled social events. You will find more detailed information on the congress website :

<http://www.isprs2020-nice.com>

Monday 15 June 2020

- Opening Ceremony*
- Welcome & Exhibitors Reception**

(*) Included for registered delegates, accompanying persons

(**) Included for registered delegates, accompanying persons, exhibitors

Optional Social Events*

(*) Not included in the registration fees

Tuesday 16 June 2020

Cultural Event (Concert)
Fun Run

Wednesday 17 June 2020

Bowling Evening

Thursday 18 June 2020

Student Reception / Young Scientist Ice-Breaker
Outdoor Soccer Match

Friday 19 June 2020

Gala Dinner at the Villa Ephrussi de Rothschild.



ACCOMMODATION & TOURS

Accommodation

Nice offers a wide variety of accommodation from 5* hotels to hostels. Reserve your hotel soon to save on room rates. The summer holiday season starts in June which means accommodation will be in high demand.

The official hotel booking agency for ISPRS 2020 is Raising Stones. They offer exclusive rates on hotels to all conference participants. You can find all detailed hotel information on the website :

<http://www.isprs2020-nice.com>

Tours

Some ideas for your discovery of Nice and its surroundings.

You will find all detailed information about the organized tours on the website of the conference.

Half-day Tours :

Nice Tasting Tour :

In Nice, capital of the French Riviera, you will enjoy a half day Tasting Tour that combines a discovery of the history, traditions and local culinary specialties from the South of France. You will discover a maze of narrow and interesting streets full of little shops and bistros. While walking in the old town participate in several tasting stops such as : socca, typical Provençal biscuits and famous Italian ice cream!

All Southern France traditions will be served during this Nice tasting Tour.

Catamaran Cruise :

Catamarans are really impressive boats : the living space is extremely comfortable and the rapidity is stupefying. Have a unique experience aboard one of these boats from 50 to 100 feet.

On board, the program is extremely complete: navigation, initiation in manoeuvres, mooring in creeks.

Perfume Création - Eze :

An unforgettable learning experience in the world of perfume-making awaits you at the Fragonard perfume factories. You can discover how a perfumer or "nose" masters the art of fragrance creation while learning about the history of the perfume industry. You'll see which raw materials are used and how they are extracted. Then, you will have the opportunity to create your own perfume at the famous Fragonard Factory. Upon arrival guests will be met and led into a private classroom and each participant will receive many different perfume essences and with the help of a great "Nez" will blend them in order to create their own perfume.

A fascinating learning experience in the world of perfume.

Saint-Paul-de-Vence & Tapenade Workshop :

The Medieval village of Saint Paul de Vence appears from the distance unique, noble and proud like a long stone ship fixed on the crest of a wave. The small village itself is considered to be one of the jewels of the Cote d'Azur and charms visitors with its authenticity, history and artistic heritage. The historic center is beautifully preserved and is home to a multitude of art galleries, varying in style, where you very often see the artist at work. In this charming village, you will have a guided tour and time to walk around and shop in the boutiques. You will also participate in a workshop to learn how to create your own tapenade with olives and oil... a specialty from Provence!

Saint-Paul-de-Vence & Maeght Foundation :

The Medieval village of Saint Paul de Vence appears from the distance unique, noble and proud like a long stone ship fixed on the crest of a wave. The small village itself is considered to be one of the jewels of the Cote d'Azur and charms visitors with its authenticity, history and artistic heritage. The historic center is beautifully preserved and is home to a multitude of art galleries, varying in style, where often you see the artist at work. In this charming village, you will have a guided tour and time to walk around and shop in the boutiques. You will also visit the modern art Maeght Foundation.

Antibes Tour & Picasso Museum :

We will invite you to discover the quaint harbour town of Antibes. The first town founded by the Greeks on the Azur coast, for a long time Antibes was the only town between Marseille and Italy. Your tour will begin with a discovery walking tour of the old town and its Provencal market. This visit through the small streets will enable you to become familiar with this old fortified city and the famous characters who once lived there or passed by: G. de Maupassant, V. Hugo, J. Verne etc. On the way you will discover how to play petanque and will taste olive oil. Then we shall propose a visit to the fabulous Picasso Museum housed in the XIII-XVI century Grimaldi castle which today houses one of the world's finest collections of the artist. Picasso, enthusiastic, worked at the castle and created numerous works, drawings and paintings.



Visit of Villa Ephrussi de Rothschild :

Discover, between Nice and Monaco, one of the jewels of the Côte d'Azur: the palace built in the Belle Epoque by Beatrice de Rothschild. The visitor will be enchanted by the collections of art : Sèvres and Vincennes porcelain, works by Fragonard, paintings by old masters, Louis XVI furniture ... The villa is surrounded by nine magnificent gardens that dispense their colours and their fragrances over 4 hectares of beauty.

Set in the room that Béatrice Ephrussi de Rothschild's used as a dining room, the tea room/restaurant's terrace overlooks the Bay of Villefranche. At the end of the visit, we suggest you taste a pastry with a cup of tea or coffee in this calm oasis with an unrestricted view of the bay.

Day Tours :

Cannes :

The tour starts with a short sightseeing along the famous "Croisette", an elegant promenade bordered by palm trees and gardens, overlooking fine sandy beaches and lined by both luxury hotels and very exclusive shops.

This is the brand image of Cannes. Surrounded by the pavement of fame where handprints of famous movie stars are immortalized, lies the "Palais des Festivals" home of the prestigious Film Festival, which takes place every year in May. You will continue to Old Cannes called "Le Suquet", and to the Marché Forville (Covered Market) : for a spectacular eating and viewing food experience, no other market in Cannes beats this for scale and variety. Just over the harbour, go and visit the Forville market, a building with Provençal colours which hosts the local producers of fruit, vegetables and flowers. It is in this district that the fishermen's wives formerly came to sell the catch of the day, whereas their husbands met in the bar on the square. You will enjoy a Provençal lunch in Cannes before embarking on the sea trip to St Honorat Island.



St Honorat Island & Wine Tasting :

You will take the regular boat transfer from the harbour of Cannes to St Honorat island facing Cannes. The Île Saint-Honorat is the second largest of the Lérins Islands, about a mile off shore from the French Riviera town of Cannes. The island retains a monastery, which is home to 30 Cistercian monks, and is a popular tourist attraction offering pleasant woodland surroundings, in common with its neighbour the Île Sainte-Marguerite. Points of interest include a number of disused chapels erected by monks on the island at different points in history, as well as the remains of a Napoleonic cannon ball oven and a Second World War gun emplacement.

The tour will include a visit of the Monastery and wine tasting (wine produced by the Monks). The wine was selected as one of the best wines in the world. As the wine cannot be found in shops, this is a unique occasion to taste their production.

Monaco :

The Principality of Monaco is the second smallest country in the world after the Vatican city. Begin the tour with the old town of Monaco (Rocher) walking through the narrow streets of the old town to the Cathedral of the Immaculate Conception where the Princes and Princesses of Monaco are buried (including Grace), and then to the Palace square dominated by the residence of Prince Albert II.

Witness the changing of the guards every day at 11:55 in front of the Palace.

Monaco Cathedral : Built in 1875, it houses the tombs of the deceased Princes. Inside, an altarpiece by the painter from Nice, Louis Bréa can be seen, dating back to 1500.

The Oceanographic Museum : inaugurated in 1910 by Prince Albert. Jacques-Yves Cousteau was director from 1957 to 1988. The Museum celebrated its centenary in March 2010, after extensive renovations.

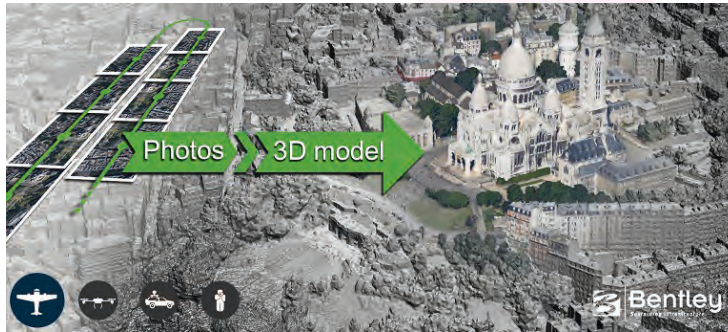
The Casino of Monte-Carlo : Monte-Carlo has been a legend for almost 150 years, and its Casino has been a cornerstone in its legendary success. Its architecture, history and the people who came here to gamble have all played their part in making the Casino de Monte-Carlo a myth in the eyes of the entire world...

On the way you will enjoy a typical lunch and will have time for shopping!

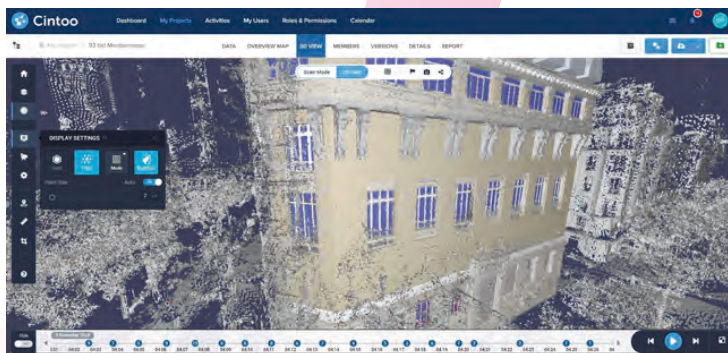


TECHNICAL VISITS

All detailed information about the Tours will be available on the website :
<http://www.isprs2020-nice.com>

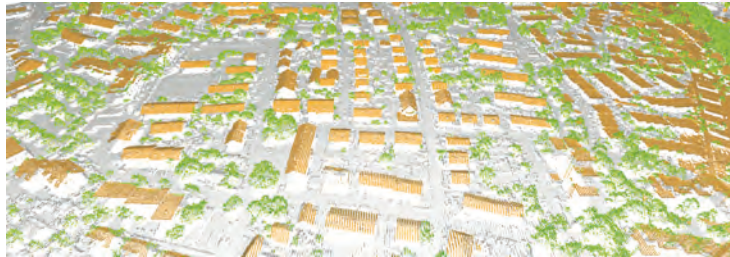


Reality modeling is the process of capturing the physical reality of an infrastructure asset, creating a representation of it, and maintaining it through continuous surveys. Bentley's reality modeling software, ContextCapture, provides real-world digital context in the form of a 3D reality mesh. Overlapping photos from drones and ground-level imagery, supplemented by laser scans where needed, are sufficient for ContextCapture to generate spatially-classified and engineering-ready reality meshes at any desired level of accuracy and scale, including an entire city. A reality mesh is a 3D model of real-world condition, in which each digital component can be automatically recognized and/or geospatially referenced, providing you with an intuitive and immersive way to navigate, find, view, and query asset information. Reality meshes can be used in many engineering, maintenance, or GIS workflows to provide precise real-world digital context for design, construction, and operations decisions. ContextCapture has been integrated in Bentley's portfolio with the acquisition of Acute3D in 2015, and is developed in Bentley's offices in Paris and Sophia Antipolis.




Cintoo develops technologies and solutions for managing and leveraging the 3D data coming from Reality Capture devices in the cloud. Cintoo has developed a unique point cloud-to-surface technology that translates data from terrestrial laser scanners into a new generation Reality Data that is versatile, collaborative, distributable, streamable and efficient. This technology is embedded into Cintoo Cloud, a laser scanning hardware and BIM platform agnostic cloud-based platform.

With Cintoo, your laser scans become BIM-compatible!



CGAL



GeometryFactory provides flexible and robust geometric software components as well as expertise in geometric computing to more than 200 customers worldwide. We give development teams a head-start on building applications that solve business problems, increasing productivity and the ability to deliver products on time. By offering field-proven C++ components, which are part of CGAL, the Computational Geometry Algorithms Library (CGAL), along with expert services we help customers save valuable development time and focus on their core competencies. CGAL provides easy access to efficient and reliable geometric algorithms in the form of a C++ library. CGAL is used in various areas needing geometric computation, such as geographic information systems, computer aided design, molecular biology, medical imaging, computer graphics, and robotics. The library offers data structures and algorithms such as triangulations, Voronoi diagrams, Boolean operations on polygons and polyhedra, point set processing, arrangements of curves, surface and volume mesh generation, geometry processing, alpha shapes, convex hull algorithms, shape reconstruction, AABB and KD trees...

Inria



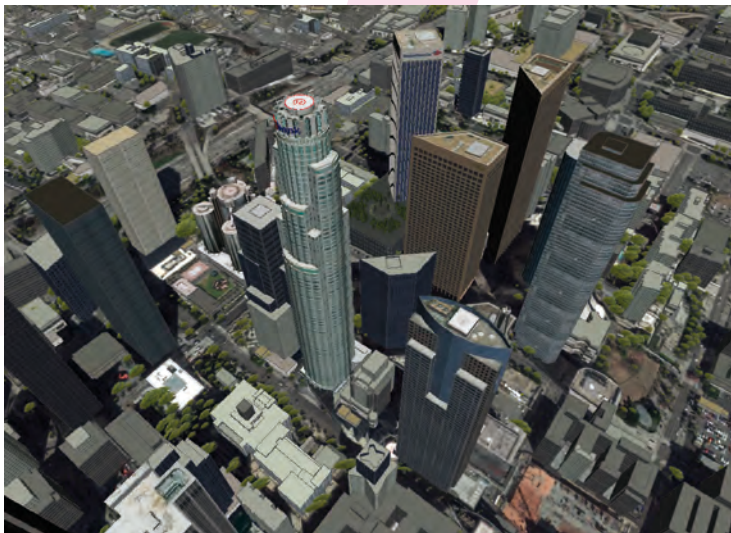
Inria, the French research institute for digital sciences, promotes scientific excellence and technology transfer to maximise its impact. It employs 2,500 people. Its 200 agile project teams, generally with academic partners, involve more than 3,000 scientists in meeting the challenges of computer science and mathematics, often at the interface of other disciplines. Inria works with many companies and has assisted in the creation of over 160 startups. It strives to meet the challenges of the digital transformation of science, society and the economy.



LuxCarta focuses on the creation and delivery of geospatial products for the global telecom, simulation & training and other vertical markets. We specialize in the rapid production and delivery of quality fit-for-purpose mapping products to expert end users utilizing the latest technology advancements achieved through extensive R&D. LuxCarta is expanding within the dynamic and growing geospatial market, with a focus on the innovative use of AI for automaton of production processes and has been active in the geomatics industry for over 20 years.

LuxCarta focuses, worldwide, on the following markets:

- **Simulation & Training:** We provide correlated raw GIS data derived from medium and high-resolution satellite imagery: DEM (DTM and DSM), Land Use/Land Cover, orthoimagery, transportation and hydrography vectors, and building features such as 2.5D attributed footprints and 3D models to use as inputs for simulation.
- **Urban planning & Smart Cities:** We specialize in the generation of digital 3D spatial models on different scales, ranging in detail from the entire globe down to photo-realistic 3D urban environments.
- **Wireless Network Planning:** We are supporting our wireless operators, equipment vendors with the production of mapping data, suitable to RF planning and optimization. LuxCarta is focused on supporting 5G rollouts for the wireless ecosystem that requires consistent and high quality products : high-resolution 3D building data, the new individual tree model.



SPONSORSHIP & EXHIBITION OPPORTUNITIES

ISPRS has decided to develop a programme “Bridging back with industry” to consolidate and develop tighter links between science and industry within the ISPRS and to enlarge the attendance of the congress to decision-makers, local authorities, developers, end-users, etc. This program will be applied for the first time at the ISPRS 2020 congress in Nice. It consists in the organisation of several events within the congress, each of them being built to be attractive and useful for companies and to provide a high Return on Investment for the companies.

These events are the following :

- The “Building the future together” Forum Track will be one of the 8 parallel tracks of the congress. It will cover the 6 days of the congress. It addresses specific hot topic subjects from a variety of point of views (societal needs, policy and decision-making, business models, science and technology, ...). It is addressed to decision makers, market leaders, start-ups, leading scientists and technologists.
- The Technology Track is also one of the 8 parallel tracks. It enables companies to present their technologies and products without submitting scientific papers ; it is addressed to salespersons, technical staff, customers and end-users.
- The Speed Dating Forum. This event aims at connecting the large number of highly qualified students (master, Ph.D., post-docs) and young professionals attending the Congress with the human resources departments of the major sponsor companies.
- The Innovation Forum comprising a solvaton, a hackathon and a mapathon.

A large Industry Exhibition lasting 3 days. it is addressed to salespersons, marketing people, technical staff, customers and end-users.

ISPRS 2020 is your opportunity to make connections and build relationships through a variety of support opportunities to achieve the highest level of exposure to a multidisciplinary audience from around the world. We invite you to participate as a valued supporter and exhibitor. We provide a variety of opportunities that can meet any budget and can be designed to suit your interests and objectives.

The commercial exhibition will be held for 3 days, from Monday 15 June to Wednesday 17 June 2020. Two levels will be dedicated to the exhibition ; one level for Industry (Mediterranean) and one level for non-profit organizations and start-ups (Rhodes).

More information can be found in the sponsorship brochure, available on the website : <http://www.isprs2020-nice.com/index.php/exhibition-sponsorship>



SPONSORSHIP PACKAGES

We can offer you a tailored package to suit your budget and your marketing objectives

Contact : sponsorship@isprs2020-nice.com

EXHIBITION OPTIONS

The ISPRS 2020 conference will provide a unique opportunity for exhibitors to showcase their products, services and educational programmes to their target markets. The layout of the exhibition will be expertly designed to ensure comfort to the delegates, optimised visitor flow and therefore maximum exposure for the exhibitor. Coffee breaks will take place on the exhibition floor promoting frequent and repeated opportunities for the delegates to visit the exhibits and engage with you.

Exhibition floors

Industry : Mediterranee - level 1

Associations/Start ups : Rhodes - level 2

Special rates

(Associations & Startups Exhibition Level - Rhodes)

Startups

Discount of 30% discount on rental exhibition space. Apply for the special rates (limited spots available)! Offer limited to startups younger than 5 years AND with less than 10 employees!

Association booths

Sustaining Members : Discount of 10% on rental exhibition space

Ordinary members : Discount of 50% on rental exhibition space

You can find all detailed information in the Sponsorship brochure

For more information,
please contact :
sponsorship@isprs2020-nice.com

GENERAL INFORMATION

Nice, the beautiful capital of the French Riviera, a lively and sunny city between sea and mountains

Just a few kilometres from the Italian border, Monaco and Cannes, its legendary gentle climate, its exceptional light but also its history and its classified monuments, its numerous museums, its baroque heritage, its old town with its typical and **colourful markets**, its charming quality hotels, its **starred cuisine**, its pedestrian and shopping streets, its **beaches with azure waters**, its sunny terraces... The **Promenade des Anglais**, Cimiez, the Port Lympia district, the **Old Town** and the Cours Saleya, the Promenade des Arts, its hills and finally an **Ecovalley**, the newest and most ecological district in the region... are the main landmarks if you want to get your bearings and discover the city. Close to Nice, the **Mercantour national park** offers some of the most beautiful hikes in France where a large range of protected wildlife populates the mountains.

Nice is France's number two destination for **business tourism**, thanks to its easy access with an **international airport** and its **large number of hotels close to the Acropolis Convention Center**.

But it is also an **ideal place for a family vacation**. Nice is a city immersed in the Mediterranean culture turned towards childhood and offers a large variety of activities for children. Nice has earned the "Famille Plus" label. <http://en.nicetourisme.com/family-friendly-nice>

The Nice-Acropolis Convention Centre

Located in the center of the city ; **10 minutes from the Old town** (le vieux Nice), 15 minutes from the beach Since 2019, you can reach the **International Airport Nice Côte d'Azur in 30 minutes** by the tramway (station next to the Acropolis).

PRACTICAL INFORMATION

Currency

French currency is the Euro (€)

Electricity

The voltage is 220 V with frequency of 50 KHz

Insurance

We strongly recommend participants to carry travel and health insurance.

Passport and Visa

Citizens of the EU need their national ID card (or passport). For others a passport is required. For visa procedures please check the French Embassy or Consulate in your own country.

For some countries, a Visa is required when travelling to France. Please visit the following website for more information : https://france-visas.gouv.fr/en_US/web/france-visas

A visa invitation letter can be obtained after your registration process has been completed in ConfTool. If you do not see "Visa Invitation Letter" in the main ConfTool menu, please select "Show User Account Details".

In case you need a more specific visa letter, please contact :

registration@isprs2020-nice.com

We recommend to start the visa application process at least 3 months prior to the congress. Obtaining a visa remains the sole responsibility of the participant. Regular cancellation deadlines apply, regardless of whether your visa was granted or not.

Public Transportation

Tram, buses

Time

French time is GMT +1 hour, in summer GMT +2 (summer time)

Weather

Nice is located in the South of France. The average temperature in June is 28°C / water temperature is 22°C.

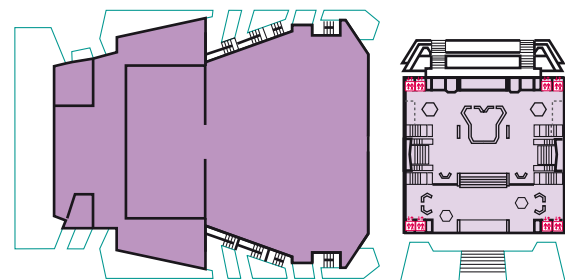
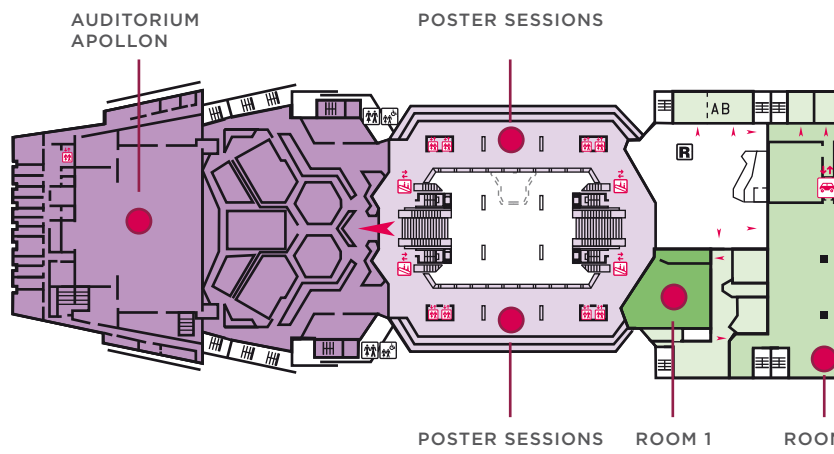
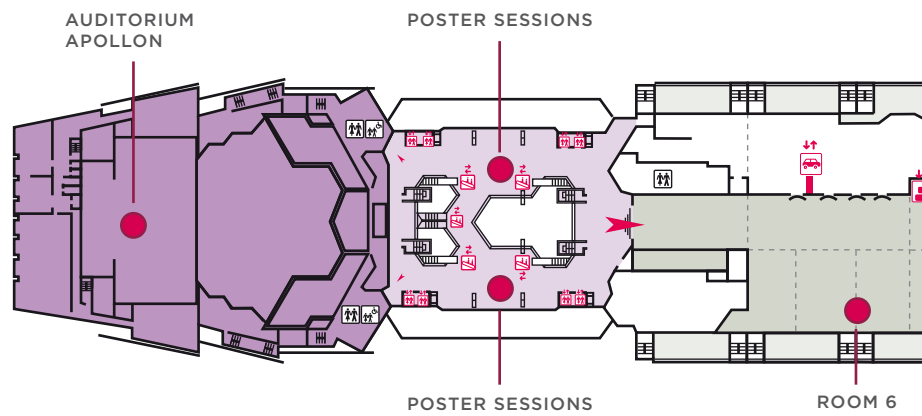
Nice - **France** 14th - 20th June 2020

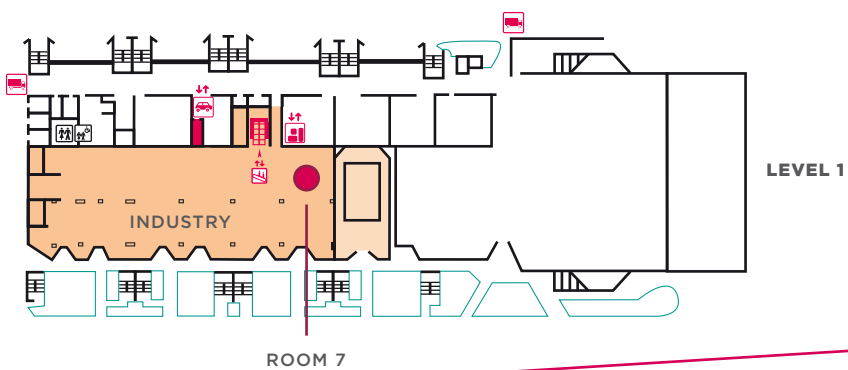
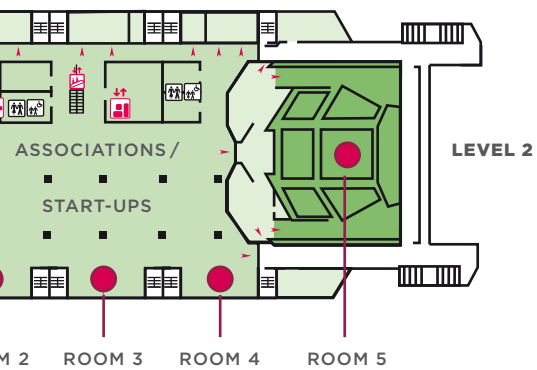
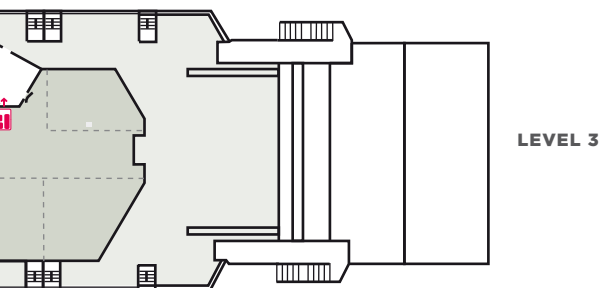
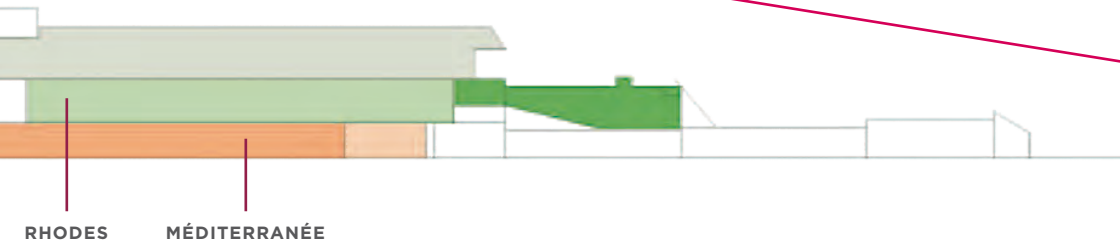
XXIVTH CONGRESS OF THE INTERNATIONAL SOCIETY
FOR PHOTOGRAMMETRY AND REMOTE SENSING

2020
IPRS



ACROPOLIS FLOOR MAPS







2020

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You can find all updated information on our website :
www.isprs2020-nice.com E-mail : contact@isprs2020-nice.com