



CLOSING CEREMONY

**Congress Director's Report at Closing Session,
Lena Halounová**

**Address of Outgoing President,
Chen Jun**

**Address of Incoming President,
Christian Heipke**

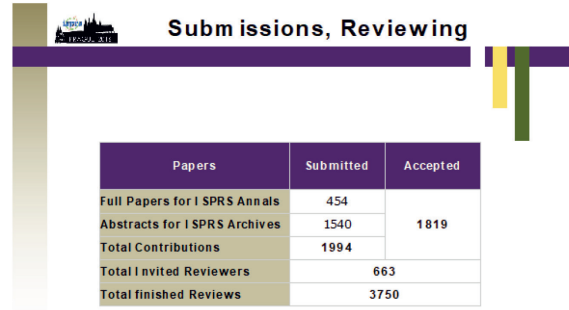
**Address of Incoming Congress Director,
Nicolas Paparoditis**

Congress Director's Report at Closing Session Lena Halounová



Congress Director's Report

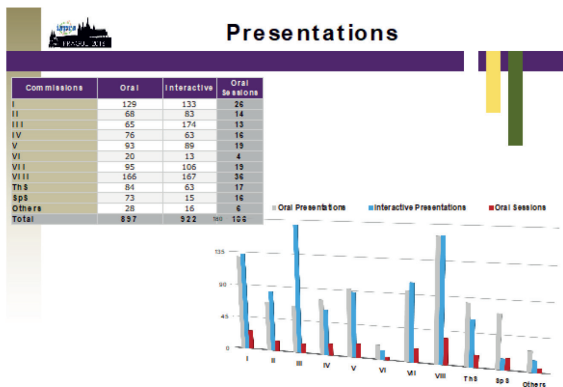
THE XXIIIrd CONGRESS OF THE INTERNATIONAL SOCIETY FOR PHOTOGRAMMETRY AND REMOTE SENSING PRAGUE, CZECH REPUBLIC, 2018
www.isprs.org/prague-2018



Submissions, Reviewing

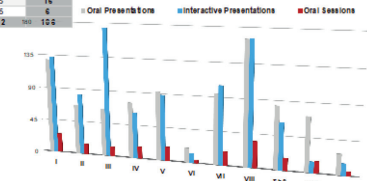
Papers	Submitted	Accepted
Full Papers for I SPRS Annals	454	1819
Abstracts for I SPRS Archives	1540	
Total Contributions	1994	
Total Invited Reviewers	663	
Total finished Reviews	3750	

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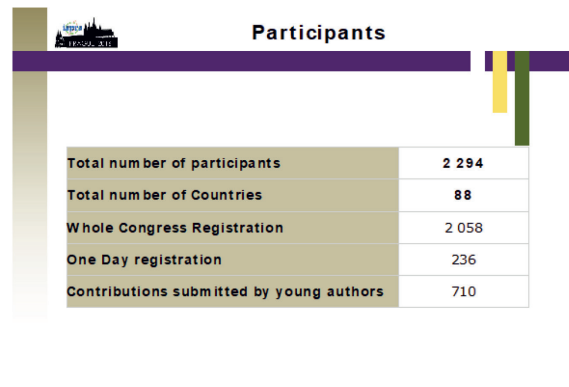
Presentations

Commissions	Oral	Interactive	Oral Sessions
I	129	133	26
II	68	82	14
III	65	174	13
IV	76	63	16
V	93	89	19
VI	20	13	4
VII	95	106	19
VIII	166	167	36
ThS	64	63	17
SpS	73	15	16
Others	28	16	6
Total	897	922	126



Legend: Oral Presentations (blue), Interactive Presentations (light blue), Oral Sessions (red)

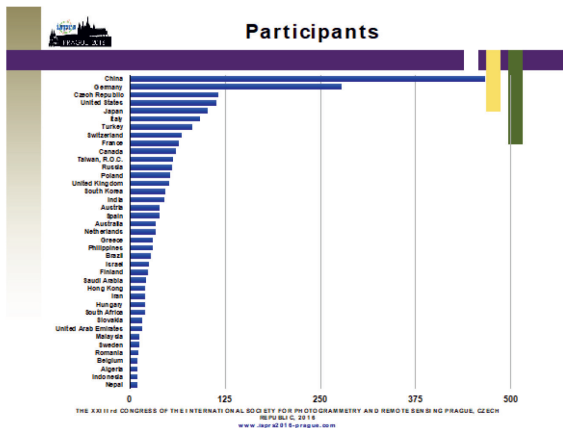
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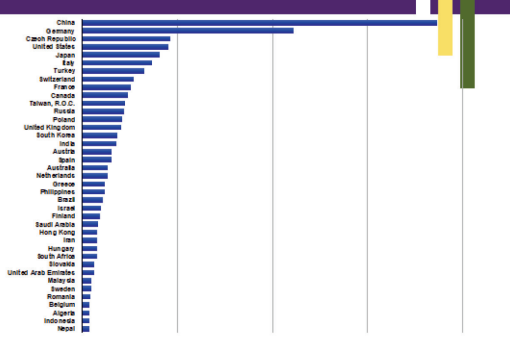
Participants

Total number of participants	2 294
Total number of Countries	88
Whole Congress Registration	2 058
One Day registration	236
Contributions submitted by young authors	710

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Participants



Legend: Oral Presentations (blue), Interactive Presentations (light blue), Oral Sessions (red)

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Exhibitors

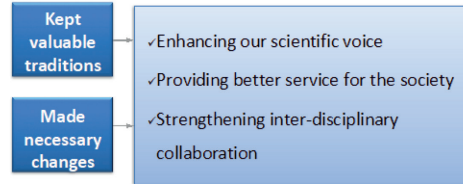
Stands/ Exhibitors	77 / 61
Total Exhibition Area	799 sqm
Commercial Presentations	4
Show Case Presentations	6

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Address of Outgoing President, Chen Jun



1. Major progress made



1. What progress has been made?

■ ISPRS scientific voice/ leadership enhanced

Scientific vision paper

IF: 4.188 0.651 Starting authored books

1. What progress has been made?

■ Services to members improved

New Com. structure

TC1	Sensors/Platforms
TC2	Photogrammetry
TC3	Remote Sensing
TC4	SISs
TC V	Education/outreach

- International Industrial Advisory Committee
- Individual Membership

NM and Cadastral Agencies Forum + Space Agencies Forum

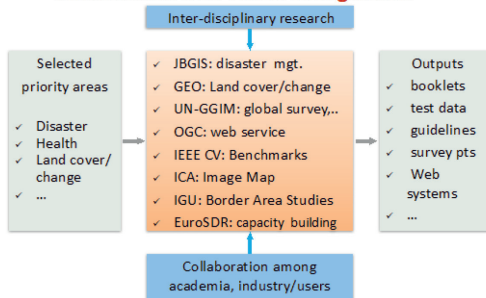
New ISPRS conference structure

Year	1	2	3	4
i Congress	Geo-spatial Week	Symposia	Geo-spatial Week	I+1 Congress

Year 2017, Wuhan, China

1. What progress has been made?

■ Collaboration with others strengthened



2. Major Scientific Highlights

Sensor systems

- **Rapid technological developments** are strongly impacting TC I activities, clearly demonstrated by the topical distribution profile of the contributions
 - **UAV/UAS** represents the most active field in both research and applications, evidenced by a record number of presentations and the large number of attendees of the several sessions, representing about one fourth of TC I contributions
 - **Sensor miniaturizations** continues, driven mainly by the requirements of light UAV/UAS platforms, and includes high-resolution optical, hyperspectral, laser scanning and SAR sensors, which are increasingly used for the production of geospatial information
 - **Sensor integration** keeps increasing to primarily support mobile platforms, including Mobile Mapping Systems and UAV/UAS; in fact, on hardware level the integration may blur the difference between sensors and platforms
 - **Convergence between Mapping and Navigation** continues, particularly in indoor applications, and demonstrated by the growing number of autonomous vehicle and various other platform applications
 - **Satellite systems** are booming, producing context-rich geospatial data worldwide, supporting mainly national mapping as well as hazard/emergency operations
 - **Sensor modeling**, in general, remains an important process, and the need for autonomous and sustained operations, integrated into applications are growing
- (From outgoing TC I President)

2. Major Scientific Highlights

Photogrammetry

- Increased focus on automatic object extraction and interpretation of image and range data
- Benchmarking and open-source software exchange have grown (even further) in importance
- biggest technological splash: the return of (deep, convolutional) neural networks
- Many investigations in consumer grade sensors characterization, sensor integration and point cloud processing for close-range applications
- Growing importance and interest for BIM and indoor mapping
- Confirmation of the replicability, reliability and added value of 3D sensors, methods and products for geoscience applications, heritage documentation, industrial metrology and bio-medical issues
- ...

(From outgoing TC III and TC V Presidents)

2. Major Scientific Highlights

Remote sensing

- Large scale EO adoption at user level, from information and policy level, for applications ranging from future climate to local resources management and disaster preparedness for human welfare.
- Geo web portal services for centralized information resource and enable for decision making, planning and management.
- Revolutionizing Mobile apps for identification, assessment, real time monitoring and response etc.

(From outgoing TC VII and TC VIII Presidents)

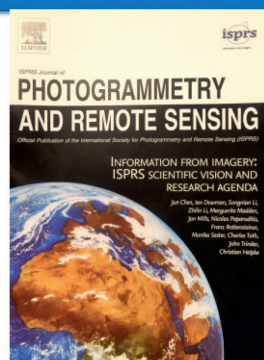
2. Major Scientific Highlights

Spatial Information Science

- Continuous advances made in spatial analysis and data mining, with attention in analyzing photogrammetric and remote sensing data
- Developments in BIM/GIS integration, indoor environment mapping using robots/mobile sensors and modelling towards smart indoor navigation and LBS
- Advances in automatic processing and analyzing big spatiotemporal data, especially geo-social media and trajectory data using learning methods
- Progress in usability and usefulness of 3D visualisations by studying schematic design, eye tracking, etc.

(From outgoing TC II and TC IV Presidents)

2. Major Scientific Highlights



Special issue ISPRS Journal of PE&RS , 115 (2016)

- ISPRS Scientific vision paper
- 10 review and overview papers

3. My sincere thanks

- The team work with Cnl, TCPs, ISPRS officers and members
- My sincere thanks to



- Fellow council members
- TCPs, ISA, IPAC, Journal and Book Series editors, Regional Representatives, Web Master, Headquarters Staff, WG officers and all other ISPRS officers.
- Ordinary Members, Honorary /Regional / Sustaining/ Associate Members, Fellows and ...

Special thanks to my own organizations (NASG and NGCC) and Chinese Society of Surveying, Mapping and Geo-information (CSSMG), and my family

Address of Incoming President, Christian Heipke



- an international NGO with a focus on
 - **science and development**
 - in photogrammetry, remote sensing, spatial information
 - **cooperation** between **all relevant stakeholders**
 - academia, private sector, government, end users
 - truly **global** cooperation
 - education**, technology transfer, capacity building
- more than 100 years old



THE raison d'être of ISPRS, far beyond top. mapping

- **Photogrammetry**
 - computer vision, autonomous driving, robotics, cultural heritage, industrial measurement
- **Remote sensing**
 - constellations and swarms, “the whole earth every day” (in real time), monitoring and data continuity
- **Spatial information science**
 - spatio-temporal modelling, crowd sourcing, social media, personal navigation, ubiquitous computing



- **The underlying concepts**
 - big data, big data platforms – also “big brother”
 - parallel computing, cloud computing
 - machine learning, semantic scene understanding
 - The Internet of Things
 - openX (software, data, access)
- to be adapted and integrated in our solutions
- to be further developed **in cooperation with others**

Information from Imagery:
Digitisation of our planet in real time



The commercial side



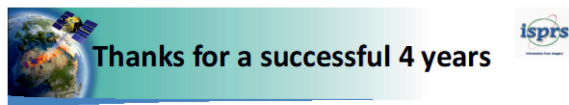
- From science to applications – the bridge to the outside world
- A successful exhibition in Prague
 - Thanks to all exhibitors for showing their latest products and services
- Creation of **I²AC** – International Industrial Advisory Committee
 - to give commercial world a better voice in ISPRS
 - change needed, lively discussions during Congress



For a sustainable future



- Global cooperation for global change
 - Future Earth Programme, UN cooperation
 - Prague declaration
- One world
 - science without borders
 - science and scientists have a responsibility to build bridges where politics fail
 - truly global education and outreach
 - Student Consortium
 - Latin America, Africa – work needed



Thanks for a successful 4 years



- A spirit of good direction in Council
- A great cooperation with the ISPRS Commissions, Committees and other volunteers
- Logistic support and more, 24/7

Chen Chen

Annette Radtke Uwe Breitkopf

- 220.000,- € in support from DFG

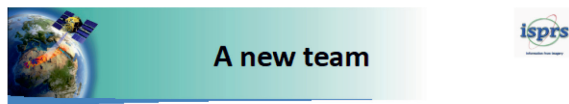


Thanks for a great congress



- A **warm** welcome, **excellent** science, first class **social** programme (incl. lots of Czech beer ...)
- Thanks to Congress Director Lena Halounová, Prog. Dir. Václav Šafář and their **superb** team

Markéta Vláščilová	Linda Szebenyiová
Eva Matoušková	Martina Faltýnová
Petra Dobišová	Petra Ševčíková
Vladimír Holubec	Tereza Valášková
Martin Haloun	Pavel Haloun
Radovan Haloun	

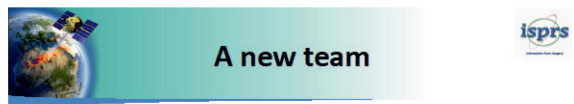


A new team

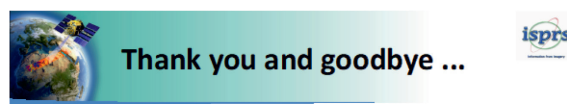


- Council:
 - Lena Halounová, Chen Jun, Charles Toth, Songnian Li, Nicolas Paparoditis, Christian Heipke
- New TCPs and Vice-TCPs

CI Sensor systems	Stefan Hinz, Raul Feitosa
CII Photogrammetry	Fabio Remondino, Takashi Fuse
C III Remote sensing	Jiang Jie, Ahmed Shaker
C IV Spatial Information Science	Sisi Zlatanova, Suzanna Dragicvic
CV Education and Outreach	Senthil Kumar, P.N.L. Raju



A new team



Thank you and goodbye ...



- See you in **Wuhan** for the

Geospatial Week 2017

- See you in **Nice** for the

XXIV ISPRS Congress 2020

Address of Incoming Congress Director, Nicolas Paparoditis

Distinguished Guests, Ladies and Gentlemen

I am Nicolas Paparoditis and I am the new congress director. In my non ISPRS life, I am head of Research & Education at IGN, the French national mapping agency and head of the engineering school ENSG-Geomatics.

On behalf of the French community of Photogrammetry, Remote Sensing and Geospatial Sciences, it is with great honour that I am inviting you to attend the 24th ISPRS Congress in 2020 in Nice.



This congress is supported by most of the French major players in the field and will be enlarged during the 4 years to gather all the French players. These players all together have a very large number of researchers working worldwide with universities and foreign institutions in the field of ISPRS and also the neighbouring fields (such as computer vision, image processing, electronics, robotics, etc.). This congress in France will, as a consequence, bring a large number of new scientists within ISPRS.

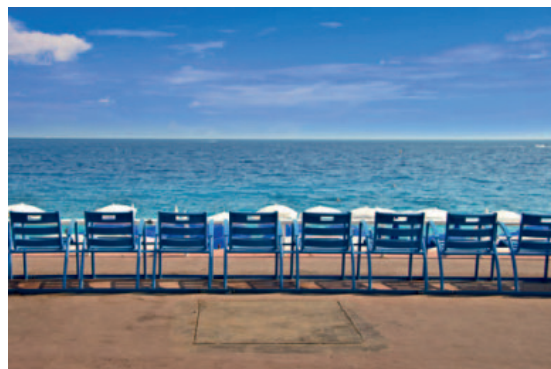
Just a few words about the French community that will host you in 2020:

France has been an important contributor to ISPRS since its creation. The French community has especially been active in ISPRS in the last 30 years with the event of digital imagery. Indeed, France has contributed in all the fields and in all the commissions of ISPRS. From the acquisition of new sensors and platforms such as spot and pleiades, the first medium format digital aerial camera, to the processing of the data collected with photogrammetric computer vision, to the storage, management, visualisation, dissemination of geodata through geospatial data infrastructures to finally the development of innovative applications such as autonomous driving. There has also been in the last years a common national effort to make freely accessible high resolution earth observation data

and processing services for research & education through a centre called Theia.

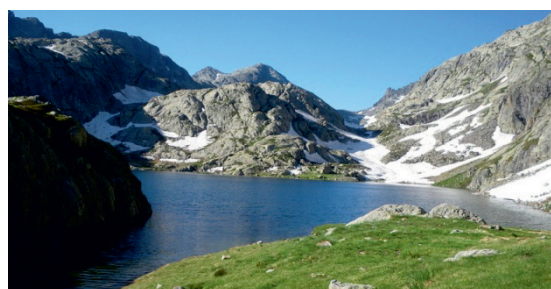
Where is Nice? On the Mediterranean Sea.

Why Nice? First because Nice is Nice and Nice is nice!



Nice is one of the best places in the world to have a congress, and is a leading tourist and business destination famously known for its quality of life and Mediterranean charm. And last but not least, Nice, being my hometown, and knowing very well ISPRS and its needs, I can assure you that Nice is the best and the most adapted venue for the ISPRS 2020 congress and for the ISPRS community.

Nice is the world-known beautiful capital of the French Riviera. It is perfectly situated between sea and mountains at the French-Italian border with a culture of its own.



It has not only the coast but also the mountains. If you love hiking it will be a paradise.



Nice Sophia Antipolis is very attractive professionally.

We have three possible time slots for the congress booked for you and we will choose the best one together with the council according to the needs of the ISPRS community.



In all cases, the outside temperature is between 22 to 28 °C with a very small probability of rain and the water temperature is between 24 to 27 °C. Difficult to do better than that...



Nice is a surprisingly affordable city, one can find food and drinks adapted to his budget.... and I hope you will be able to enjoy the **sweetness of the Mediterranean way of life in 2020.**

This candidature presented by the French society of Photogrammetry and remote Sensing (SFPT) is supported by the French community, carrying operational or research activities in Photogrammetry, Remote Sensing and Spatial Information Sciences and also neighbouring sciences such as computer vision and image processing. Indeed this candidature is fully supported by IGN, CNES, IRSTEA, IRD, INRIA, and CNRS which are spread over the whole French territory.

Organised by



These institutions all together have a very large number of researchers working worldwide with universities and foreign institutions in the field of ISPRS and also the neighbouring fields (such as computer vision, image processing, electronics, robotics, etc.). Organising the 25th congress in Nice will as a consequence bring a large number of new scientists within ISPRS which are currently in neighbouring fields, and to keep them on board in the long term within ISPRS.

I will do my best to serve the society on the long term.

2020 ISPRS NICE

Invitation to ISPRS 2020 in Nice, France
Imaging today, foreseeing tomorrow

Congress Director: Nicolas Paparoditis

www.isprs2020-nice.com June, July, or August 2020

