

PREFACE: TECHNICAL COMMISSION I

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For ISPRS Technical Commission I (TC I), 104 submissions for the 2022 Congress edition of ISPRS Annals and ISPRS Archives were received. This included both full paper and abstract submissions from all over the world. Continuing the success of double blind paper reviewing in preparation of the 2016 Prague congress, the 2018 Karlsruhe symposium as well as the 2020/2021 editions of the ISPRS congress, also this time, TC I organized a strict peer-reviewing process. This included double-blind reviewing for full papers as well as a two-stage evaluation of abstract submissions – first stage based on the submitted abstracts (“conditional acceptance”), and second stage after submission of the respective final papers.

For the 2022 edition of the ISPRS congress, we received 38 full paper submissions and 66 abstract submissions, which showed on one hand an increasing trend in number of submissions compared to the 2021 edition of the congress and, on the other hand, underlines the importance of full paper / peer reviewed publications for TC I events.

25 full papers passed the double-blind peer-review process and were accepted for publication in the ISPRS Annals (acceptance rate 66%); none of the papers was reviewed by less than two reviewers; for the majority of full papers, three or four reviews were obtained. Abstract submissions and their respective final papers were also reviewed by a team of professionals. In total, 58 papers were accepted for publication in the ISPRS Archives.

Strict peer-reviewing relies on many voluntary reviewers spending their time for reading and evaluating the submissions. We would like to express our thanks to our reviewing team – especially since they were again willing to contribute to the review process just after completion of the 2020 and 2021 edition of the ISPRS congress:

Costas Armenakis
Markus Hebel
Francesco Nex
Krzysztof Bakula
Petra Helmholz
Anthony Pamart
Timo Balz
Markus Hillemann
Daniela Poli
Daniele Cerra
Ludwig Hoegner
Rongjun Qin
Min Chen
Patrick Hübner
Peter Reinartz
Jorge Centeno
Dorota Iwaszczuk

Ralf Reulke
Kai-Wei Cheng
Antoni Jaakola
Petri Rönholm
Filiberto Chiabrando
Karsten Jacobsen
Rafael Rosa
Ismael Colomina
Konstantinos Karantzas
Franz Rottensteiner
Michael Cramer
Ville Lehtola
Michael Schmitt
Michele Crosetto
Jens Leitloff
Julian Smit
Naser El-Sheimy

Jonathan Li
Xingming Tang
Jean-Baptiste Féret
Andrea Lingua
Antonio Vettore
Markus Gerke
Joseph Mascaro
Wissam Wabeh
Craig Glennie
Andrea Masiero
Cheng Wang
José Gonçalves
Rupert Mueller
Michael Weinmann
Görres Grenzdörffer
Stephan Nebiker
Chenglu Wen

Thank you so much!

The manuscripts in both the ISPRS Annals and Archives cover a broad range of topics related to remote sensing platforms, technologies, systems and related methods and reflect the current trends in algorithmic research and developments in sensing and data acquisition methods. Noteworthy is that numerous contributions were again submitted to Intercommission WGs of TC I with TC II and TC IV, which underlines the continuing trend towards an integral approach to sensors, systems and methods in photogrammetry, remote sensing and mobile mapping.