

RESOLUTION FOR THE 20TH INTERNATIONAL CONFERENCE ON GEOMETRY AND GRAPHICS

This resolution is put forth and archived in order to acknowledge and express gratitude concerning the 20th International Conference on Geometry and Graphics ICGG 2022, which brought about a new initiative, a new award, and the celebration of commemoration days.

The conference was planned to be held at the University of São Paulo, Brazil, from August 15th to August 19th 2022 under the leadership of the Executive Chair Liang-Yee Cheng (Universidade de São Paulo, Brazil, ISGG Vice-President for North America/South America) and Luigi Cocchiarella (Politecnico di Milano, Italy, President of ISGG), Gilson Braviano (Universidade Federal de Santa Catarina, Brazil, President of ABEG), and Aura Conci (Universidade Federal Fluminense, Brazil, ISGG Director) as co-chairs of the Local Organizing Committee.

The COVID-19 pandemic again upset all plans. Following ICGG2020, the fully virtual format has been adopted with asynchronous online full presentation, based on on-demand video, combined with compact technical sessions for online synchronous discussions. Concomitantly, only a publication fee to the contributing authors was charged, and for the conference attendees, two options were available:

- full access with reduced registration fee (free for ISGG members) or
- limited access to the online meetings for free.

The ICGG 2022 Secretariat received 119 valid submissions from 28 countries, 28 submissions from North America/South America, 66 from Europe/Near East/Africa, and 25 from Asia/Australia/ Oceania. To provide a smoother workflow, Springer's Online Conference Service (OCS) (<https://ocs.springer.com/misc/>) was introduced for ICGG 2022. Additionally, a fully international reviewing system was adopted which should be quite beneficial for our scientific cross fertilization.

As a result of the first round of reviews, 50 papers were accepted, 59 required major reviews, and 10 were rejected. After the second round, a total of 94 papers were published without additional review in the ICGG 2022 Conference Proceedings

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It needs to be noted that F.-K. Motezuki and R.-A. Amaro Jr. served as co-editors. The series of the book was switched to “Lecture Notes on Data Engineering and Communications Technologies”, since this series is indexed in SCOPUS and EI-Compendex. Following the change of the series, “Data Engineering” has also been included as a subtopic of the Conference topic “Engineering Computer Graphics”.

In each day of the conference meeting, a limited time window of 170 minutes (from 8:30 to 11:20, BRL time zone, UTC –3:00) which is the most convenient period for all the participants worldwide, was used to promote the online live meetings/discussions divided into sessions of 40 minutes. For ICGG 2022, about 200 participants from 24 countries have been registered.

In the online asynchronous meeting, all the presentations were made available before the conference so that the participants could watch at their convenience and post their comments and question on the website for the offline discussion.

Besides the opening ceremony, ISGG members meeting and closing ceremony, there were 3 keynote lectures and 13 technical sessions. On average, 7 papers were allocated to each session. Moreover, 10 minutes breaks were scheduled to promote non-technical entertainments such as quizzes about ISGG and ICGG, the Kumihimo Exhibition at the Japan House São Paulo, and a Virtual Tour as a part of celebration of the bicentenary of Independence and 100th Anniversary of the “Modern Art Week” of Brazil.

Proposed by Luigi Cocchiarella (the president of ISGG), a slot for the online meeting was allocated to the meeting of the ISGG Institutional Members (IM) and Associated National Organizations (ANO). The discussion aimed at making ISGG members familiar with the mission and activities of the Institutions and Associations, and it counted on the participation of 13 representatives through recorded videos or in live discussion.

The year 2022 is also the 30th anniversary of ISGG and the 100th anniversary of the birth of Steve M. Slaby, founding father of our conference series and of our Society. ICGG2022 celebrates these anniversaries, respectively, in the opening and closing ceremonies. In this regard, the presentation of a special edition of our journal JGG and of the Steve M. Slaby Award in the closing ceremony were unveiled.

As proposed by Luigi Cocchiarella, ICGG 2022 is honored to be the first to grant the award of “The Loyal Friends of ICGGs”, a new award to be presented to people who are recognized as key participants in the Conference series of ISGG. In this first edition, the award is granted to the two current ISGG members, Frank M. Croft (Ohio State University, USA) and Paul Zsombor-Murray (McGill University, Canada).

Special thanks are offered to the following individuals and organizations:

- Thanks to ISGG, Japan Society for Graphic Science (JSGS), Brazilian Association for Graphics Expression (ABEG) for the sponsorship and support, and to the highly competent and dedicated International Program Committee, which accomplished the heavy-load task within a very tight schedule.
- Thanks to the Steering Committee and Co-chairs for the valuable advice and support, especially Luigi Cocchiarella, Hans-Peter Schröcker (University of Innsbruck, ISGG Vice-President for Europe/Near East/Africa and editor of JGG), Gilson Braviano (Univerdidade Federal de Santa Catarina, president of ABEG), Aura Conci (Universidade Federal Fluminense, ISGG Director) and Eduardo Toledo Santos (Universidade de São Paulo, Brazil, ISGG Director).
- Special thanks to the members of the Local Organizing Committee for their support and the hard-working staff, who effectively assured a smooth organization and implemented a perfect online conference meeting platform, and finally to the Executive Chair Liang-Yee Cheng (Universidade de São Paulo), who never lost sight of ICGG 2022 despite of all troubles.

Therefore, be it resolved that the participants of the 20th International Conference on Geometry and Graphics wish to thank the aforementioned organizations and individuals for their efforts which made this a very successful and memorable conference. All participants are looking forward to a kind of repetition as a face-to-face meeting in 2024 in Kitakyushu/Japan.

It is further resolved that the gratitude of these attendees be transmitted to the aforementioned organizations and individuals, and that the text of this resolution be entered into the records of the International Society for Geometry and Graphics.

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