^ More IAPR (Technical Committee Mews

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	TC4 Biometrics
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	TC12 Multimedia and Visual Information Systems
	TC18 Discrete Geometry and Mathematical Morphology
	TC19 Computer Vision for Cultural Heritage Applications

IAPR TC18 Discrete Geometry and Mathematical Morphology <u>http://www.tc18.org</u> Benjamin Perret (ESIEE Paris, France), Chair Sara Brunetti (Università di Siena, Italy), Vice Chair email: <u>tc18@tc18.org</u>

https://twitter.com/IAPR_TC18

Control of the international conference on Discrete Geometry and Mathematical Morphology will be held in Strasbourg France, October 24-27, 2022. DGMM offers the opportunity for researchers, students, and practitioners to share and discuss novel high-quality research results within the fields of discrete geometry and mathematical morphology and their applications to image processing and image analysis. <u>https://iapr.org/dgmm2022</u>



RRPR 2022: The fourth edition of the Reproducible Research in Pattern Recognition (RRPR) workshop will be held in Montreal, Canada on August 21st during ICPR 2022. RRPR is intended as both a short participative course on Reproducible Research (RR) aspects, leading to open discussions with the participants, and also a practical workshop on how to actually perform RR. <u>https://iapr.org/rrpr2022</u>.



Special Issue: A special issue on "Combinatorial and Geometric Problems in Imaging Science" is opened in the journal Annals of Mathematics and Artificial Intelligence (AMAI) published by Springer. Deadline May 16, 2022 <u>https://www.editorialmanager.com/amai</u> (Article type: S714 ISAIM-Imaging)

IEEE Executive board: Leila De Floriani, professor at the University of Maryland and member of TC18, has been elected 2022 Director of the IEEE Computer Society (Division VIII). She has authored over 300 peer-reviewed scientific publications in data visualization, geospatial data representation and processing, computer graphics, geometric modeling, shape analysis and understanding. <u>https://www.computer.org/volunteering/board-of-governors/members</u>

Past events:

- Special session on "Combinatorial Image Processing and Digital Geometry" held at International Symposium on Image and Signal Processing and Analysis (ISPA) 2021. The talks covered some interesting features of the topics such as coordinate systems for non-traditional grids, efficient implementation scheme for parallel thinning, dual space method for the segmentation of pixels into polynomial curves, and cellular automata for the generation of various binary patterns on the triangular grid. The proceedings are available online https://doi.org/10.1109/ISPA52656.2021.
- Special session on "Combinatorial and Geometric Problems in Imaging Sciences" held at the International Symposium on Artificial Intelligence and Mathematics (ISIAM) 2021. It received 12 contributions whose abstract and short papers are available online at <u>https://isaim2022.cs.ou.edu/papers.html</u>.