

Dear colleagues:

We would like to draw your attention to a special issue on **“Computational Algebraic Topology and Neural Networks in Computer Vision”** in the journal “MDPI Mathematics”(JCR Q1) that we (Matthias Zeppelzauer and Rocio Gonzalez-Diaz) are co-editing.

This Special Issue collects papers with the aim of developing novel topology-based approaches for computer vision and/or applying topology-based approaches to improve the current state-of-the-art in machine learning and computer vision. Of special interest are papers that address the challenge of integrating topology as the main tool in neural networks to computer vision applications.

Paper submitted to the SI should be of high quality, originality, and significance, and must not consist of overviews of the authors’ previously published work. Nevertheless, in case the paper is based on a conference contribution it must contain at least 30% novelty compared to the conference paper. The review process starts as soon as the paper is submitted.

The deadline is June 20, 2020. The journal is open access. We will invite the five most promising papers submitted without charge. Please, contact the guest co-editors (Matthias Matthias.Zeppelzauer@fhstp.ac.at and Rocio rogodi@us.es) before submitting the paper.

Link to the Special Issue:

https://www.mdpi.com/journal/mathematics/special_issues...

If you have any questions, do not hesitate to contact us. Looking forward to your submission.

The guest co-editors,

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