

PICTURE CODING SYMPOSIUM (PCS) 2021

29 June – 2 July, Bristol, UK



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CALL FOR PAPERS

The Picture Coding Symposium (PCS) is an international forum devoted to advances in visual data coding. Established in 1969, it has the longest history of any conference in this area. The 35th event in the series, PCS 2021, will convene in Bristol, UK. Bristol is a vibrant city known internationally as a hub for the Creative Industry. It is the home of many well-known artists and organisations such as Banksy, David Prowse (Darth Vader), Aardman Animations and the BBC Natural History Unit.

TOPICS

PCS 2021 invites you to submit work which pushes the boundaries of image and video coding. The following list contains some examples, but it is not an exhaustive list:

- Coding of still and moving pictures
- Model-based and synthetic coding
- Multimodal coding and processing
- Machine-learning for image/video analysis and compression
- Compression of virtual, augmented and mixed reality
- 360-degree and multi-view video processing and coding
- Representation, analysis and coding of 3D scenes
- Immersive and volumetric video
- Emerging standards for visual data coding
- Objective and subjective quality assessment
- Datasets for training and testing
- Transcoding and adaptive streaming
- Error robustness, resilience and concealment
- Low complexity video compression
- Network-, edge- and cloud-based coding
- Energy management in compression
- Hardware architectures
- Protection and integrity of visual data
- Optimized streaming methods
- Real-time video communication; both peer-to-peer and multi-party video conferencing
- Coding of screen content and desktop sharing

PAPER SUBMISSION

Prospective authors are invited to submit papers for the Symposium, in English, using the template provided, with a font size of 10 pt and maximum length of five (5) pages including all results, figures and references. Submissions will be accepted only in PDF. Online submission will be available through the symposium web site. We will be submitting the proceedings for publication to IEEEExplore, Scopus and EI indexed.

Note: The conference is currently still preparing for a physical event. In this case paper authors are expected to attend the event unless personal, corporate, or national restrictions apply.

Should it be necessary to run the conference as an on-line or hybrid event, authors will be requested to submit recorded videos of their presentations.

IMPORTANT DATES

Paper Submission:	7/02/2021
Notification of Paper Acceptance:	15/04/2021
Submission of Camera-Ready Papers:	30/04/2021



University of
BRISTOL

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