Preface

Audiovisual, interactive and mobile media interweave with our everyday life, a major aspect of the so-called megatrend digitalization. In almost all our areas of life, be it private or professional, they change our behavior and affect our perception, thinking and feeling. The 'Forum Media Technology (FMT)' is a scientific event that aims at providing an intensive dialogue of experts working at agencies, studios, and companies of different industries with students, lecturers, researchers, and developers in the field of digital media.

This year in its 10th jubilee edition, the Forum Media Technology was held on November 29-30, 2017 at St. Pölten University of Applied Sciences, Austria. In conjunction with the main conference, the 3nd edition of the trans-disciplinary symposium 'All Around Audio (AAA)' as well as the 2nd edition of the 'Graduate Consortium' were part of the two day program.

All Around Audio Symposium

Although, audio has not abandoned its status as a standalone discipline, its trans-disciplinary participation at the conception and design of products and environments has become more and more essential. In this sense, All Around Audio not only addresses specialists in the audio domain but particularly encourages researchers and designers from other fields to participate in the symposium. In its third edition, 16 international speakers were invited for talks on a wide spectrum of topics reaching from media economy, audio technology, auditory display to music and media arts.

Graduate Consortium

The FMT 2017 Graduate Consortium session was intended to provide an opportunity for graduate and PhD students to explore, discuss and develop their research topic in an interdisciplinary workshop, under the guidance of a panel of distinguished researchers.

Forum Media Technology Conference Track

Submissions for the FMT conference track were accepted in two categories of full and short papers. All submitted papers underwent a double-blind review process, during which each paper was reviewed by at least three members of the international program committee (IPC) of the conference. Based on the written reviews, final decisions were made by the paper chairs and finally 13 papers (8 full + 5 short) were accepted for presentation at the conference (acceptance rate: 50%). In addition, a total of 7 poster contributions were presented in an interactive sessions, of which 2 posters are part of the special track of the OpenGLAM hackathon, which took place in September at St. Pölten University of Applied Sciences. The accepted papers can be clustered into four areas: computer vision, research design & digital healthcare, data visualization, as well as human-computer interaction.

For the second time this year, also one best paper and three honorable mention awards were given to the top four contributions of the FMT. The award is based on the scientific excellence of the paper as well as the presentation performance of the authors at the conference. The selection process for the best paper award followed a three-step process. First, IPC members indicated whether a paper should be considered for the award. Based on that, the paper chairs decided on a short list of four nominated papers for the award and the selected papers' authors were informed about their nomination. The final decision was made by an anonymous best paper committee consisting of three members who took into account both the paper as well as the presentation to make their final decision.

November 2017

Wolfgang Aigner
Thomas Moser
Kerstin Blumenstein
Matthias Zeppelzauer
Michael Iber
Grischa Schmiedl

Best Paper Award Sponsor:

WISSENSCHAFT · FORSCHUNG
NIEDERÖSTERREICH
N

Organizing Committee

Conference Chairs

Wolfgang Aigner, St. Pölten UAS, AT

Thomas Moser, St. Pölten UAS, AT

Paper Chairs

Kerstin Blumenstein, St. Pölten UAS, AT

Matthias Zeppelzauer, St. Pölten UAS, AT

Graduate Consortium Chair

Grischa Schmiedl, St. Pölten UAS, AT

AAA Symposium Chair

Michael Iber, St. Pölten UAS, AT

Local Organizers

Julia Klaus, St. Pölten UAS, AT

Ulrike Wieländer, St. Pölten UAS, AT

Program Committee

External

Albert Amor-Amoros, TU Wien, AT

Christoph Anthes, UAS Upper Austria, AT

Thomas Artner, TU Wien, AT

Arnold Baca, Vienna University, AT

Till Becker, University Bremen, DE

Alessio Bertone, Dresden University of Technology, DE

Christian Bors, TU Wien, AT

Nadia Boukhelifa, INRIA, FR

Paolo Buono, University of Bari Aldo Moro, IT

Mario Döller, UAS Kufstein, AT

Thomas Görne, Hamburg UAS, DE

Theresia Gschwandtner, TU Wien, AT

Svenja Hagenhoff, Friedrich-Alexander University Erlangen-Nürnberg, DE

Georg Hajdu, Hochschule für Musik und Theater Hamburg, DE

Christoph Heinzl, UAS Upper Austria, AT

Hans-Christian Jetter, UAS Upper Austria, AT

Isabel John, UAS Würzburg-Schweinfurt, DE

Johannes Kehrer, Technical University Munich, DE

Andreas Kerren, Linnaeus University, SE

Simone Kriglstein, TU Wien, AT

Tim Lammarsch, Researcher, AT

Robert Laramee, Swansea University, GB

Wilfried Lepuschitz, Practical Robotics Institute, AT

Thomas Lidy, TU Wien, AT

Christian Märtin, UAS Augsburg, DE

Munir Merdan, Practical Robotics Institute, AT

Paul Modler, Karlsruhe University of Arts and Design, DE

Annette Mossel, TU Wien, AT

Paul Murschetz, Alpen-Adria-University Klagenfurt, AT

Peter Plessas, Institute of Electronic Music and Acoustics Graz, AT

Cornelius Pöpel, Ansbach UAS, DE

Michael Riegler, Simula Research Laboratory, NO

Michael Roither, UAS Burgenland, AT

Paul Rosenthal, University of Rostock, DE

Markus Schledl, Johannes Kepler University Linz, AT

Sebastian Schlund, TU Wien, AT

Raphael Schneeberger, PocketScience GmbH, AT

Klaus Schöffmann, Klagenfurt University, AT

Tobias Schreck, TU Graz, AT

Michael Sedlmair, Vienna University, AT

Anselm Spoerri, Rutgers University, US

Marc Streit, Johannes Kepler University Linz, AT

Markus Tauber, UAS Burgenland, AT

Catagay Turkay, City University London, GB

Manuela Waldner, TU Wien, AT

Edgar Weippl, SBA Research, AT

Florian Windhager, Danube University Krems, AT

Kerstin Witte, Otto von Guericke University Magdeburg, DE

Michael Zeiller, UAS Burgenland, AT

Internal

Jakob Doppler, St. Pölten UAS, AT
Astrid Ebner-Zarl, St. Pölten UAS, AT
Franz Fidler, St. Pölten UAS, AT
Andreas Gebesmair, St. Pölten UAS, AT
Christian Gradl, St. Pölten UAS, AT
Florian Grassinger, St. Pölten UAS, AT
Stefanie Größbacher, St. Pölten UAS, AT
Mario Heller, St. Pölten UAS, AT
Brian Horsak, St. Pölten UAS, AT
Matthias Husinsky, St. Pölten UAS, AT
Michael Iber, St. Pölten UAS, AT
Andreas Jakl, St. Pölten UAS, AT
Thiemo Kastel, St. Pölten UAS, AT

Christoph Musik, St. Pölten UAS, AT
Christina Niederer, St. Pölten UAS, AT
Lars Oertel, St. Pölten UAS, AT
Tassilo Pellegrini, St. Pölten UAS, AT
Johannes Pfegerl, St. Pölten UAS, AT
Julia Püringer, St. Pölten UAS, AT
Alexander Rind, St. Pölten UAS, AT
Gernot Rottermanner, St. Pölten UAS, AT
Grischa Schmiedl, St. Pölten UAS, AT
Djordje Slijepcevic, St. Pölten UAS, AT
Rosa von Suess, St. Pölten UAS, AT
Markus Wagner, St. Pölten UAS, AT