



Humans and Computers (HC 2018) Aizuwakamatsu – Dusseldorf – Hamamatsu– Rome March 28-29, 2019

*JST (Japan Standard Time) is used below. Dusseldorf and Rome are 8 hours behind.
Invited presentations are 30 minutes (25 minutes presentation + 5 minutes Q&A)
Regular presentations are 20 minutes (15 minutes presentation + 5 minutes Q&A)*

HC-2018 Joint Videoconference Presentations (Aizuwakamatsu – Dusseldorf – Hamamatsu – Rome) March 28, 2019

Shizuoka University Campus in Hamamatsu
Building#501 (Joint Research Laboratory), Meeting Room on the 10th Floor

16:00- Conference Room Opens

16:20-16:30 Opening Message by the General Chair of HC 2018

16:30-17:30 (08:30-09:30) Videoconference Presentations

Session chair: *Prof. Jens Herder, University of Applied Sciences, Duesseldorf*

16:30-16:50

Enhanced BYOD Interactions for Augmented Reading Support in Second Language Learning
Federico Gelsomini, Kamen Kanev, Reneta Barneva, Paolo Bottoni

16:50-17:10

Narrowcasting for Stereoscopic Photospherical Cinemagraphy
Iida Takato, Michael Cohen

17:10-17:30

Interactive Virtual Studio - Tracking Light for Better Matching of Virtual and Real Domain
Jens Herder, Till Davin

18:30-21:00 Conference Reception

(Details to be provided at the conference opening)



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HC-2018 Conference Presentations

March 29, 2019

Shizuoka University Campus in Hamamatsu
Building#501 (Joint Research Laboratory), Meeting Room on the 10th Floor

08:50- Conference Room Opens

09:00-10:00 Invited Presentations

Session chair: *Prof. Kenjiro Miura, Shizuoka University, Hamamatsu*

09:00-09:30

A novel generalization of trigonometric Bezier curve and surface with shape parameters and its applications

Muhammad Abbas

09:30-10:00

Digital Transformation of Facility Monitoring by Predictive Anomaly Detection Based on Optical Fiber Temperature Measurement

Sachio Kobayashi

10:00-10:10 Coffee Break

10:10-11:10 Regular Presentations

Session chair: *Prof. Kamen Kanev, Shizuoka University, Hamamatsu*

10:10-10:30

Happiness Life Mechanisms for Next Future Civilization

Minetada Osano

10:30-10:50

Audio vs. Visual Avatars as Guides in Virtual Environments

Nico Brettschneider, Jens Herder, Jeroen de Mooij and Bektur Ryskeldiev

10:50-11:10

Advancing Biomedical Communications through Optical Code Engineering and Laser Marking

Federico Gelsomini, Kamen Kanev, Vygantas Mizeikis

11:10-11:20 Coffee Break

11:20-12:00 Regular Presentations

Session chair: *Prof. Yuichi Kobayashi, Shizuoka University, Hamamatsu*

11:20-11:40

The Construction of Aesthetic Curve and Surface Theory for Aesthetic Design and its Applications

Sho Suzuki, Kazumichi Yagi, Shin Usuki, Kenjiro T. Miura

11:40-12:00

The Limits of Meta-Learning in Artificial Intelligence

Francisco J. Arjonilla, Yuichi Kobayashi

12:00-12:10 Closing Remarks by the PC Chair of HC 2018

12:30- Lunch and Round Table Discussion