UMAP 2017 HAAPIE (Human Aspects in Adaptive and Personalized Interactive Environments) Workshop Chairs' Preface & Organization

It is our great pleasure to welcome you to the *2nd International workshop on Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE 2017).* HAAPIE 2017 (http://haapie.cs.ucy.ac.cy) is a full-day workshop held on 09 July 2017 in conjunction with the 25th ACM Conference on User Modeling, Adaptation and Personalization (UMAP 2017), 09-12 July 2017 in Bratislava, Slovakia. Nowadays, the profound digital transformation has upgraded the role of the computational system into an intelligent multidimensional communication medium that creates new opportunities, competencies, models and processes. HAAPIE embraces the essence of the human-machine co-existence and aims to bring more inclusively the "human-in-the-loop", adequately supporting the rising multi-purpose goals, needs, requirements, activities and interactions of users through new human-centered adaptive and personalized interactive environments, algorithms and systems. It brings together experts, researchers, students and practitioners from different disciplines for sharing ideas and experiences, lessons learned, approaches and results that could substantially contribute to the broader UMAP community.

This year we received 14 submissions from all around the world covering a broad range of topics on the workshop's research themes areas. Each paper has been reviewed by up to 3 members of the IPC with expertise in the respective area to ensure the necessary relevance, quality and novelty. We selected 6 full papers and 5 short papers for presentation, as follows:

- *Full papers.* S. Lallé et al.: Leveraging pupil dilation measures for understanding users' cognitive load during visualization processing; M. Augstein et al.: A Personalized Interaction Approach - Motivation and Use Case; S. Kleanthous et al.: Individual Differences in Music Video Interaction: An exploratory Analysis; S.A. Siddiqui et al.: Real-Time Public Transport Navigation on Smartwatches: A Comparison with a Smartphone-based Solution; I. Adaji, and J. Vassileva.: Personalizing Social Influence Strategies in a Q&A Social Network; and H. Cheng et al.: The Influence of City Size on Dietary Choices
- *Short papers.* D. Toker, and C. Conati: Leveraging pupil dilation measures for understanding users' cognitive load during visualization processing; B.M. Sguerra et al.: Oblivion Tracking: Towards a Probabilistic Working Memory Model for the Adaptation of Systems to Alzheimer Patients; C. Parker, and S. Yoo.: Towards Adaptive Height-Aware Public Displays; F. Barile et al.: A detailed analysis of the impact of tie strength and conflicts on Social Influence; and E. Kapros: International Large-Scale Assessments and Culture: Implications for Designing Educational Technology

HAAPIE is a new workshop with a strong interdisciplinary focus, consisting of oral presentations, expert panel discussions, as well as demo and interactive sessions. It aims to bring new ideas, introduce methods and suggest novel solutions that will always keep the user *haapie* in the end.

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Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE 2017) Organization

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