

Mathias Lux

Invited Talk @ Florida Atlantic University!

Mathias has been invited from Prof. Oge Marques to give a talk at Florida Atlantic University. He presented an IEEE Signal Processing Society Palm Beach Section Seminar on „User Intentions in Multimedia („The Other End of the Camera“)", on Tuesday (December 8).



IEEE Palm Beach Section Seminar

December 8 (Tuesday) - 10:45 AM
Room ED 119 (College of Education building)



User Intentions in Multimedia ("The Other End of the Camera")

Prof. Mathias Lux, Ph.D. - Klagenfurt University, Austria



Mathias Lux is an Assistant Professor at the Institute of Information Technology at the University of Klagenfurt (Austria). He received his master degree in Mathematics in 2004 and his Ph.D. in Telematics in 2006, both with distinction from Graz University of Technology. His Ph.D. thesis focused on semantics in multimedia metadata, especially MPEG-7. He is the lead developer of widely popular multimedia tools, such as Lire, Caliph & Emir. Mathias Lux has an extensive research record in the field of multimedia metadata, including work on annotation, metadata based multimedia retrieval, and social software and user intentions. He is co-editor of the book "Multimedia Semantics - the role of metadata" (Springer, 2008). His current research focus is on intentional metadata and social aspects of multimedia annotation and retrieval. He is a founding member of the Multimedia Metadata Community (<http://www.multimedia-metadata.info>).

Abstract

The *semantic gap* is a widely recognized challenge in multimedia information retrieval. We postulate that the semantic gap can be used as a motivation for research and discussions on the actual goals and aims of users when they search for multimedia information, particularly images. Research questions include: "What are the actual goals and intentions of users who consume and produce multimedia content?" and "How can one leverage this knowledge to provide increased user experience in multimedia information systems?" In this talk the concept of user intentions will be introduced and motivated and work in text retrieval already leveraging intentions and goals will be discussed. An overview of user intentions in multimedia and its relevance for multimedia information systems will be given. Finally current and ongoing projects on user intentions at Klagenfurt University will be discussed.

For additional information, please contact **Dr. Oge Marques**,
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