

The Seminars on “Information Technology Outlook” – PhD Programme in Computer Science and Mathematics



Marco Winckler

Laboratory I3S / INRIA Méditerranée
SPARKS/wimmics INRIA team
Université Côte d'Azur
Sophia Antipolis, France
<http://www.i3s.unice.fr/~winckler>



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Aula Hume - 2nd floor
Dipartimento di Informatica



<https://shorturl.at/ImGK3>

Information Visualization and Analytical Provenance: the missing gap

Summary: *Interactive visualization techniques are suitable tools for helping users to explore complex data while gaining confidence in results provided by algorithms. Typically, in an exploratory context, the user has no defined goal and is looking for no particular outcome. Though, when finding something interesting, users should be able to retrace their exploratory path to explain how they found the results. In this seminar we will present a brief introduction of Information Visualization and missing gaps between visualization and analytical provenance. Through some illustrative case studies, we will discuss the importance of analytical provenance in information visualization techniques to support a better communication among domain experts, stakeholders, and users.*

Short bio: Marco Winckler is Full Professor in Human-Computer Interaction (HCI) at the Université Côte d'Azur, France, where is head of the research team SPARKS. He is also member of the INRIA team wimmics. His *research is concerned by the Engineering of Interactive Systems and more specifically about engineering of Information Visualization techniques. In his research, he investigates the use of model-based approaches (mainly dialogue models and tasks models) as a mean to describe interactive systems, to specify users' needs, to evaluate the user interaction through systems' specifications, and to support the communication of designers and developers of interactive systems.*