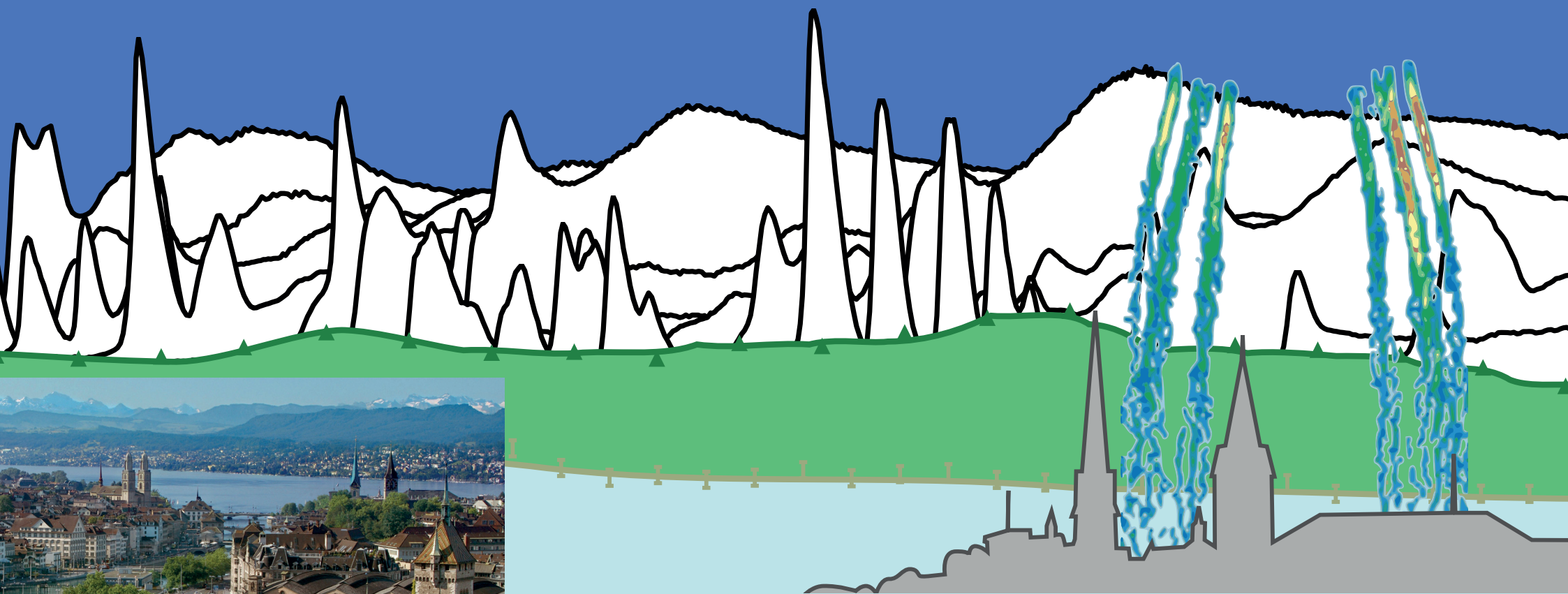


39th International Conference on Vacuum Ultraviolet and X-ray Physics

3 – 8 July 2016, Zürich, Switzerland



Local organization

Thorsten Schmitt (co-chair) ,
Frithjof Nolting (co-chair),
Jeroen van Bokhoven, Oliver Bunk,
Pietro Gambardella, Frederic Merkt,
Jürg Osterwalder, Urs Staub, Vladimir
Strokov, Benjamin Watts

Secretariat

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Meyer, Catalin Miron (Honorary sec-
retary of ISC), Frithjof Nolting, Maria-
Novella Piancastelli, David Prendergast,
Jan-Erik Rubensson, Naurang L. Saini,
D.D. Sarma, Shik Shin, Albert Stolow,
Amina Taleb-Ibrahimi (chair of ISC),
Simone Techert, Cássia Curan Turci,
Mark Vrakking, Han Woong Yeom

www.psi.ch/vuvx2016

Scope

This international conference will bring together scientists from all over the world, working in fields involving electromagnetic radiation in the vacuum ultraviolet (VUV), soft X-ray and hard X-ray spectral regions generated by synchrotron, laser, or plasma based sources. Topics to be covered range from instrumentation and methods development to applications in a variety of fields.

Instrumentation/Methods:

- New Sources
- Resonant elastic and inelastic X-ray Scattering
- X-ray absorption spectroscopy
- Photoemission (angle/spin/time resolved, soft X-ray, hard X-ray, resonant, etc.)
- Imaging with nanoscale resolution
- Coincidence spectroscopy
- Theory of X-ray spectroscopy and diffraction
- Advanced data analysis methods
- Time-resolved spectroscopy
- In-situ and operando applications

Applications :

- atoms
- molecules
- ions
- liquids
- surfaces/interfaces
- nanostructures
- clusters and nanoparticles
- catalysts
- environmentally relevant problems
- novel and complex materials
- strongly correlated and magnetic materials
- biological systems
- industrial analytical problems

Abstract submission deadline: April 8, 2016

History

VUVX2016 is the third conference following a merger of two long standing conference series – the International Conference on Vacuum Ultraviolet Radiation Physics and the International Conference on X-ray and Inner-shell Processes. VUVX2010 (Vancouver) and VUVX2013 (Hefei)