

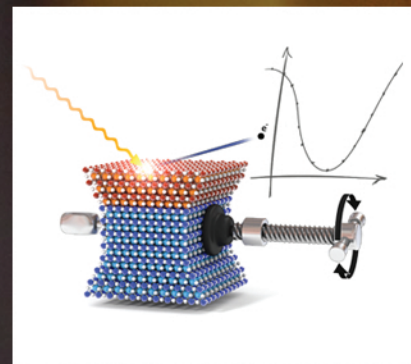
# SNH VANCOUVER 2015

Spectroscopy on Novel (Oxide) Heterostructures

## The OBJECTIVE

To bring together the (oxide) thin-film and heterostructure community with spectroscopists, as well as experts in the spin-orbital-lattice interplay in correlated oxides, to exchange ideas on how to explore and exploit thin-film approaches in the quest for new quantum phenomena and electronic properties. Talks will be given, for example, on state-of-the-art thin-film growth approaches, sample transfer systems, and in situ spectroscopy techniques, as well as various strategies to combine the best of these research fields. In addition,

brainstorming sessions will be organized to explore new possibilities and to exchange ideas on how to circumvent any limitations we now face in the growth and exploitation of novel materials.



## The TOPICS

Molecular beam epitaxy (MBE), pulsed laser deposition (PLD), strain, interfaces, octahedral rotations, transfer techniques, ARPES, STM, X-ray spectroscopies, beam damage, in situ vs. ex situ.



### Date and Location

Mon May 18<sup>th</sup> - Wed 20<sup>th</sup> 2015  
UBC Campus, Vancouver, Canada

### Organizers

Gertjan Koster (Twente)  
Hao Tjeng (MPI Dresden)  
Andrea Damascelli (UBC)



### Invited Speakers

Hans Boschker (MPI - Stuttgart)  
Ivan Bozovic (BNL)  
Alexander Brinkman (Twente)  
Andrea Caviglia (Delft)  
Ying-Hao Chu (NCTU)  
Ralph Claessen (Wurzburg)  
Ilya Elfimov (UBC)  
Mark Golden (Amsterdam)  
Harold Hwang (Stanford)  
Bernhard Keimer (MPI Stuttgart)  
Warren Pickett (UC Davis)  
Kyle Shen (Cornell)  
Susanne Stemmer (UCSB)  
Hao Tjeng (MPI Dresden)