

Photoemission : 1st International Summerschool of MAINZ - MATCOR

s. t.	Mon., 25. Sept.	Tue., 26. Sept.	Wed., 27. Sept.	Thu., 28. Sept.	Fri., 29. Sept.
8:00	C. Felser Electronic structure explored by photoemission	D. Vollhardt Correlation - Magnetism - Photoemission	J. Braun Theory of spin polarized valence band photoemission	G. H. Fecher Circular dichroism	M. Aeschlimann Time resolved photoemission
9:00	H.-J. Elmers Experiments in UHV	W. Eberhardt Photoemission with synchrotron radiation	I. Bloch Quantum gases, an analogy to electronic structure and photoemission	G. Panaccione Magnetic dichroism	J. Kirschner Spectroscopy of two electrons
10:00	Coffee break				
10:30	T. Reich Photoemission in nuclear chemistry	C. S. Fadley Synchrotron radiation spectroscopy, diffraction, holography	M. Kiskinova X-ray Spectro-microscopy	S. Suga Resonant Photoemission	M. Donath Spin-resolved empty-state spectroscopies
11:30	U. Heinzmann Attosecond Photoemission		C. M. Schneider Spinresolved photoemission from ferromagnets	K. Kobayashi High energy photoemission	J. Osterwalder Band mapping
12:30	Lunch break				
14:30	G. Schönhense Instrumentation: Analyzers	<p align="center">Hot Topic Photoemission and Soft Matter</p> <p align="center">Contributions by M. Aeschlimann J. F. Friedrich W. Knoll N. Koch J. Morais</p>	G. Schütz X-ray magnetic circular dichroism	<p align="center">14:00 Hot Topic High Energy Photoemission</p> <p align="center">Contributions by W. Drube G. H. Fecher G. Panaccione K. Kobayashi F. Schäfers G. Schönhense S. Suga</p>	C. Westphal Photoelectron diffraction
15:15	M. Escher, FOCUS An Energy Analyser for Hard X-ray Photoelectron Spectroscopy		U. Heinzmann Photoemission from atoms and molecules		G. Schönhense PEEM
			Coffee Break		Coffee Break
16:00	Excursion to OMICRON		O. Schaff, SPECS Technology and Physics of Modern Electron Spectrometers		Robert Moberg, VG Scienta Efficient Analysis Tools for Photoemission
- 20:00	Bier, Wein, and Brezel Discussion	Poster	Bier, Wein, and Brezel Poster-Discussion	Poster	Bier, Wein, and Brezel Poster-Discussion

Tue. 26. 9.

Hot Topic

Photoemission and Soft Matter (final Titles will be given later)

- M. Aeschlimann Electron and Spin Dynamics in Organic Films
J. F. Friedrich XPS from polymers (not yet confirmed)
N. Koch Interface Energetics of contacts with conjugated organic materials
W. Knoll (to be announced)
J. Morais Photoemission from liquids and organic molecules

Thu. 28. 9.

Hot Topic

High Energy Photoemission (final Titles will be given later)

- W. Drube Experiments for PETRA III
G. H. Fecher Photoemission and the density of states, what do we see ?
G. Panaccione New results from the VOLPE project at ESRF
K. Kobayashi HAXPES projects at SPRING 8
F. Schäfers The HIKE project at BESSY II
G. Schönhense Spindetection for high energy photoemission
S. Suga 3 dimensional band mapping by soft X-ray and frontier of hard X-ray photoemission

Sat. 30. 9.

LAB Demonstration for Students

PEEM, time resolved PEEM (AK Schönhense) and ESCA (AK Felser)