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Monday 1.4.2019

Plenary Joachim Ulrich  
Audimax H1

H53  
**O2** Surface Magnetism and Magnetic Coupling Phenomena  
**O1** Overview Talk: Stacey Bent  
H15  
 H25 **O8** Metal Substrates II: Adsorption and Reactivity Casu  
 H24 **O7** Graphene I: Structure and Growth Patena  
 H16 **O6** Water on Surfaces Michalides  
 H15 **O5** Nanostructures at Surfaces I: Organics  
 H9 **O4** Frontiers of Electronic-Structure Theory I Focus on the Interface Challenge I Andersen  
 H5 **O3** New Methods and Developments I: Scanning Probe techniques

Prize Talks / Lunch

Plenary Julia Yeomans (H1) / Plenary Robert Nemanich (H2)

H46  
**O16** Mechanically Controlled Electrical Conductivity of Oxides  
 Kunst  
 H24 **O15** Metal Substrates II: Adsorption and Reactivity  
 H24 **O14** Graphene II: Excitons and Nanoribbons  
 H16 **O13** Solid-Liquid Interfaces I: Electro-catalysis & PEC  
 H15 **O12** Nanostructures at Surfaces II: Designer Structures and Surfaces Taitz  
 H9 **O11** Frontiers of Electronic-Structure Theory II Focus on the Interface Challenge II  
 H3 **O10** New Methods and Developments II: Scanning Probe, Spectroscopic, and Diffraction Techniques  
 PHV **O9** Instrumentation I/IV-Analysis, L. Gross  
 PHV **O8** Instrumentation I/IV-Analysis, L. Gross

**Poster F:**  
**O17** 2D Materials  
**O18** Nanostructures  
**O19** Organic Molecules on Inorganic Substrates  
**O20** Electronic Structure  
**O21** Plasmonics and Nanoptics

Tuesday 2.4.2019

Plenary Eberhard Bodenschatz  
Audimax H1

**O22** Overview Talk: Peter Liljeroth  
H15  
 H37 **O30** Surface Magnetism  
 H25 **O29** Nanostructures at Surfaces III: Dots, Particles, and Clusters  
 H24 **O28** Organic Molecules on Inorganic Substrates I: Switching and Manipulation  
 H16 **O27** Metal Oxide Surfaces I: Structure, Epitaxy and Growth Gonlakowski  
 H15 **O26** Focus Session: Designer Quantum Systems I  
 H9 **O25** Frontiers of Electronic-Structure Theory III: Metal-Perge Swart  
 H8 **O24** Plasmonics & Nanoptics I: Metasurfaces and Novel Techniques Rossi  
 H5 **O23** Solid-Liquid Interfaces II: Electrode Surfaces Murphy

Prize Talks / Lunch

**O38** Organic Molecules on Inorganic Substrates II: El. Props. Charge Transfer  
**O37** Metal Oxide Surfaces II: Structure, Epitaxy and Growth  
**O36** Focus Session: Designer Quantum Systems II  
**O35** 2D Materials I: Transition Metal Dichalcogenides, Phase Transitions  
**O34** New Methods and Developments III: Spectroscopy and Tribology  
**O33** Solid-Liquid Interfaces III  
**O32** Frontiers of Electronic-Structure Theory IV Focus on the Interface Challenge IV  
**O31** Plasmonics & Nanoptics II: SHG and Dielectric Properties  
 Persson

**Poster D:**  
**O39** 2D Materials  
**O40** Adsorption and Catalysis  
**O41** Nanostructures  
**O42** Organic Molecules on Inorganic Surfaces  
**O43** Electronic Structure  
**O44** Spins and Magnetism  
**O45** Ultrafast Processes  
**O46** Plasmonics and Nanoptics  
**O47** Scanning Probe techniques

**Poster B1:**  
**O62** Topology and Symmetry-Protected Materials  
**O63** Ultrafast Processes  
**O64** Plasmonics and Nanoptics  
**O65** Surface Structure, Epitaxy and Growth  
**Poster B2:**  
**O66** 2D Materials  
**O67** Solid-Liquid Interfaces  
**O68** Nanostructures  
**O69** Organic Molecules on Inorganic Substrates  
**O70** Electronic Structure  
**O71** Adsorption and Catalysis  
**O72** Scanning Probe techniques

PLV10  
 Evening Talk: Gianfranco Pacchioni  
Audimax H1

Wednesday 3.4.2019

Plenary Matthias Rief  
Audimax H1

**O48** Overview Talk: Henrik Grönbeck  
H15  
 H24 **O54** Organic Molecules on Inorganic Substrates III: Magnetism, Doping and Interfaces  
 H16 **O53** 2D Materials II: Transition Metal Dichalcogenides  
 H15 **O52** Focus Session: Electron-Phonon Interactions I  
 H9 **O51** Frontiers of Electronic-Structure Theory V Focus on the Interface Challenge V Giannetti Ozolinis  
 H8 **O50** Plasmonics & Nanoptics III: STM and Time-Resolved Methods Chan Todorova  
 H5 **O49** Metal Substrates III: Structure, Epitaxy and Growth

Prize Talks / Lunch

**O61** Semiconductor Surfaces: Adsorption and Reactivity  
**O60** Organic Molecules on Inorganic Substrates IV: Electronic Properties, Excitations, Dynamics  
**O59** 2D Materials III: Nanomembranes, HBN, and Particle Inter. Zhang  
**O58** Focus Session: Electron-Phonon Interactions II  
**O57** Frontiers of Electronic-Structure Theory VI Focus on the Interface Challenge VI EKU Gross  
**O56** Plasmonics & Nanoptics IV: Mat. Sci & Chem. Appl.  
**O55** Metal Oxide Surfaces III: Adsorption & Reactivity

**Poster B1:**  
**O62** Topology and Symmetry-Protected Materials  
**O63** Ultrafast Processes  
**O64** Plasmonics and Nanoptics  
**O65** Surface Structure, Epitaxy and Growth  
**Poster B2:**  
**O66** 2D Materials  
**O67** Solid-Liquid Interfaces  
**O68** Nanostructures  
**O69** Organic Molecules on Inorganic Substrates  
**O70** Electronic Structure  
**O71** Adsorption and Catalysis  
**O72** Scanning Probe techniques

**Poster B1:**  
**O62** Topology and Symmetry-Protected Materials  
**O63** Ultrafast Processes  
**O64** Plasmonics and Nanoptics  
**O65** Surface Structure, Epitaxy and Growth  
**Poster B2:**  
**O66** 2D Materials  
**O67** Solid-Liquid Interfaces  
**O68** Nanostructures  
**O69** Organic Molecules on Inorganic Substrates  
**O70** Electronic Structure  
**O71** Adsorption and Catalysis  
**O72** Scanning Probe techniques

PLV10  
 Evening Talk: Gianfranco Pacchioni  
Audimax H1

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from	to	Thursday 4.4.2019
8:30	8:45	<b>Plenary Martin Wolf</b> Audimax H1
8:45	9:00	
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9:30	9:45	<b>H32</b> O74 focus session: Growth, Properties and Application of Epitaxial Graphene Wang
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13:00	13:15	Prize Talks / Lunch
13:15	13:30	
13:30	13:45	<b>Plenary Heike Riel (H1)/ Plenary Christ. Moore (H2)</b>
13:45	14:00	
14:00	14:15	<b>H26</b> O88 Electronic Structure of Surfaces II H25 O87 2D Materials IV: Charge Density Waves and Electronic Properties H24 O86 Topology and Symmetry-Protected Materials H24 O85 Ultrafast Electron Dynamics at Surfaces and Interfaces I: New Methods and Developments H24 O84 Focus Session: Spins on Surfaces II H24 O83 Organic Molecules on Inorganic Substrates VI: Chirality Charge Transfer, Self-Assembly H24 O82 Fundamentals of Catalysis II H24 O81 Gerhard Ertl Young Investigator Award Finalists H24 O80 Ultrafast Electron Dynamics at Surfaces and Interfaces I H24 O79 Focus Session: Spins on Surfaces I H24 O78 Electronic Structure of Surfaces I: Photoelectron Spectroscopy H24 O77 Organic Molecules on Inorganic Substrates V: Solid-Liquid Interfaces, Self-Organization, Ordering H24 O76 Plasmonics & Nanoptics V: Nanostructures and Nanoantennae H24 O75 Fundamentals of Catalysis I H24 Wang
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19:00	19:15	<b>O89</b> Annual Meeting of the Surface Science Division Audimax H1
19:15	19:30	
19:30	19:45	<b>O90</b> Post-Deadline Session Audimax H1
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from	to	Friday 5.4.2019
8:30	8:45	<b>Plenary Kurt Kremer</b> Audimax H1
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9:30	9:45	<b>O91</b> Overview Talk: Phil King H15
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13:00	13:15	<b>O100</b> Overview Talk: Jürgen Behm H15
13:15	13:30	
13:30	13:45	<b>H24</b> O99 Focus Session: Spins on Surfaces III O98 Organic Molecules on Inorganic Substrates VII O97 Ultrafast Electron Dynamics at Surfaces and Interfaces III O96 Focus Session: Surface Transport at the Atomic Scale O95 Semiconductor Substrates: Metallic Nanowires O94 2D Materials V: Novel Systems O93 Plasmonics & Nanoptics VI: Near-Field Microscopy, Phenomena O92 Electronic Structure Theory
13:45	14:00	
14:00	14:15	<b>H24</b> O99 Focus Session: Spins on Surfaces III O98 Organic Molecules on Inorganic Substrates VII O97 Ultrafast Electron Dynamics at Surfaces and Interfaces III O96 Focus Session: Surface Transport at the Atomic Scale O95 Semiconductor Substrates: Metallic Nanowires O94 2D Materials V: Novel Systems O93 Plasmonics & Nanoptics VI: Near-Field Microscopy, Phenomena O92 Electronic Structure Theory
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19:00	19:15	<b>O89</b> Annual Meeting of the Surface Science Division Audimax H1
19:15	19:30	
19:30	19:45	<b>O90</b> Post-Deadline Session Audimax H1
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Session	Speaker	Time
O1	— • Stacey Bent	Mon 09:30
O4.1	— • Mie Andersen	Mon 10:30
O6.3	— • Angelos Michaelides	Mon 11:00
O7.1	— • Laerte L. Patera	Mon 10:30
O8.9	— • Maria Benedetta Casu	Mon 12:30
O9.1	— • Leo Gross	Mon 15:00
O12.1	— • F Stefan Tautz	Mon 15:00
O22	— • Peter Liljeroth	Tue 9:30
O23.1	— • Bridget M. Murphy	Tue 10:30
O25.1	— • Mariana Rossi	Tue 10:30
O26.1	— • Stevan Nadj-Perge	Tue 10:30
O26.2	— • Ingmar Swart	Tue 11:00
O27.5	— • Jacek Goniakowski	Tue 11:30
O32.1	— • Kristin Persson	Tue 14:00
O36.1	— • Oliver Gröning	Tue 14:00
O36.2	— • Francisco Guinea	Tue 14:30
O48	— • Henrik Grönbeck	Wed 9:30
O51.1	— • Karen Chan	Wed 10:30
O51.2	— • Mira Todorova	Wed 11:00
O52.1	— • Claudio Giannetti	Wed 10:30
O52.5	— • Vidvuds Ozolins	Wed 11:45
O58.1	— • E.K.U. Gross	Wed 15:00
O59.3	— • Xianghui Zhang	Wed 15:30
O73	— • Christopher Lutz	Thu 9:30
O75.3	— • Yuemin Wang	Thu 11:00
O78.3	— • Cheng-Tien Chiang	Thu 11:00
O79.1	— • Yujeong Bae	Thu 10:30
O81.1*	— • Seren Ulstrup	Thu 10:30
O81.2*	— • Nadine Hauptmann	Thu 11:00
O81.3*	— • Baran Eren	Thu 11:30
O81.4*	— • Uta Hejral	Thu 12:00
O81.5*	— • Julia Maibach	Thu 12:30
O83.3	— • Martin Sterrer	Thu 15:30
O84.1	— • Sebastian Stepanow	Thu 15:00
O86.5	— • Wouter Jolie	Thu 16:00
O86.7	— • Hao Zheng	Thu 16:45
O91	— • Phil King	Fri 9:30
O96.1	— • Bruno Grandidier	Fri 10:30
O96.5	— • Marek Kolmer	Fri 11:45
O99.1	— • Sander Otte	Fri 10:30
O100	— • R. Jürgen Behm	Fri 13:15

Invited Talks:

Gerhard Ertl Young Investigator Award FINALISTS