

2nd Workshop 2021 of the research group – Agenda

Monday, 28. June 2021, Online Meeting – Big Blue Button Uni Oldenburg

Time	Session 1
9:00 - 9:10	Chairperson Gunther Wittstock
9:10 - 9:45	Jorge Adrian Tapia Bugos (SP1) , Catalytic application of nanoporous gold - from AuAg and AuCu Master alloy to Catalysis; Synthesis and Optimization (15 min talk + 20 min discussion)
9:45 - 10:20	Jan Makow (SP2) , Liquid phase catalysis with nanoporous Gold (15 min talk + 20 min discussion)
10:20 - 10:40	20 min break
10:40 - 11:15	Xinyan Wu (SP 3) , Stain effect on Methanol Oxidation Reaction on Pt electrode, (15 min talk + 20 min discussion)
11:15 - 11:50	Alex Silva Olaya (SP4) , CO ₂ RR on Nanoporous gold from AgAu and AuCu alloys, (15 min talk + 20 min discussion)

Time	Session 2
	Chairperson Thomas Risse
15:00 - 16:30	Prof. Dr. Alexander Eychmüller (TU Dresden), Electrocatalysis on metal aerogels, (45 min talk + 45 min discussion)

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Time	Session 3
	Chairperson Andreas Rosenauer
9:00 - 9:45	Christoph Feldt (SP5) , On the selectivity of partial methanol oxidation on the Au(332)surface, (25 min talk + 20 min discussion)
9:45 - 10:20	Christoph Mahr (SP6) , First measurements on npAuCu with the new microscope (15 min talk + 20 min discussion)
10:20 - 10:40	20 min break
10:40 - 11:15	Lyudmila Moskaleva (SP8) , DFT-based study of elementary reactions relevant to gold oxidation catalysis. Part I: oxidation of formaldehyde. Part II: interaction and reaction of 1D gold oxide chain with CO and O ₂ (15 min talk + 20 min discussion)
11:15 - 11:50	Alexandra Dworzak (SP9) , Synthesis of Au-rich Ag-Au nanoparticles on Carbon as catalysts for methanol oxidation reaction (15 min talk + 20 min discussion)

Time	Session 4
13:00 - 14:30	Meeting of PIs for planning next workshops and basic administrative questions Parallel: Meeting of PhD students and postdoctoral researchers of FOR 2213
14:30 - 15:00	Plenum , discussion and formulation of tasks for meeting of PI and project researchers, collection and discussion of ideas for invited speakers, update to the website, please prepare yourself
15:00 - 15:10	Wrap-up