

13th workshop of the PCGG

April 2nd, 2009

Seminar room of the institute for physical chemistry (room 409)

09:00 All Speakers Meeting / Computer Preparation

09:30 Introduction

09:35 Venita Daebel: "Tangled Neurons - Pathology of Tauopathies"

09:45 Manuel Schmidt: "Chiral polymer gels - determination of enantiomers absolute configuration using RDCs"

10:05 Han Sun: "Determination of absolute configuration of two small molecules using isotropic and anisotropic NMR parameters"

10:15 Robert Rotzoll: "A novel silica-immobilized azo-initiator for probing the kinetics of surface-initiated polymerizations"

10:35 Susanne Seyffarth: "Pulsed laser deposition of polymer-films and Cu-islands"

10:55 Britta Fuchs: "Effects of annealing and UV irradiation on pulsed laser deposited PMMA films"

11:15 Coffee Break

11:30 Lennard Wolf: "The role of transient species chemistry for new particle formation during alkene ozonolysis"

11:50 Claudia Keunecke: "New particle formation by ozonolysis of unsaturated carboxylic acids"

12:00 Richard Forck: "Microsolvation of alkali metals in H bonded solvents"

12:10 Zhifeng Xue: "The symmetric hydrogen bond modes of jet-cooled formic acid dimer in the low frequency region."

12:30 Conclusion – Overview Poster Session

12:35 Lunch Break / Poster Preparation

14:00 – 15:00 Poster Presentation

#1 Katrin Siefert: "Photoelectron spectroscopy reveals the nature of the solvated electron in liquid water"

#2 Lennard Wolf: "UV-IR cross determination of ozone concentrations: Across the (experimental) barricades"

#3 Claudia Keunecke: "New particle formation by ozonolysis of unsaturated carboxylic acids"

#4 Tobias Wassermann: "Dynamics and photochemistry of β -diketones"

#5 Susanne Hesse: "Jet FTIR spectroscopy of gamma-butyrolactone and comparison with related compounds"

#6 Robert Rotzoll: "A novel silica-immobilized azo-initiator for producing surface-confined poly(methyl acrylate)"

#7 Joachim Morick: "Kinetic studies of Atom Transfer Radical Polymerizations"

#8 Dirk Matthes: "The spontaneous aggregation of steric zipper peptides studied with molecular dynamics simulations"

#9 Moritz Schwabe: "Relaxation processes of polymers in comparison with metallic glasses"

#10 Juhyon Lee: "Explaining the argon matrix shift in the OH stretching fundamental of n-propanol: a combined experimental and quantum chemical nanocoating study"

18:00 Social Event tba