

		8:45 GSH		<i>Opening ceremony</i>	
PL01	<i>BS</i>	9:00 GSH		Ada Yonath	Ribosomal crystallography: Peptide bond formation and its inhibition, gating and cellular regulation
PL02	<i>MP</i>	10:00 GSH		Thomas Bjørnholm	Organic molecules in electronic devices
		11:00 GSH		<i>Coffee Break</i>	
				- <i>Session 1</i>	
IN01	<i>SM</i>	11:30	VB	Jan B.F.N Engberts	The Remarkable Aggregation and Association Behavior of Sugar-Based Gemini Amphiphiles: Morphological Chameleons
OR01	<i>BS</i>	12:10	VB	Jostein Krane	Charge Delocalized Carotenoid Cations - Preparation, reactivity and structure elucidation by NMR
OR02	<i>MC</i>	12:30	VB	Hans-Ullrich Siehl	NMR Spectroscopic and Quantum Chemical Characterization of the E- and Z-isomers of the Penta-1,3-dienyl-2-cation
OR03	<i>MC</i>	12:50	VB	Nouria Al-Awadi	Biradical/Carbene Intermediates and Structure/Reactivity Correlations in Gas-Phase Thermolysis of Benzotriazoles
OR04	<i>SC</i>	13:10	VB	Helena Cicak	Trialkylsilylacetylenes in Superacid Medium. Experiments and Quantum Chemical Calculations.
				- <i>Session 2</i>	
IN02	<i>FC</i>	11:30	VB	Søren Keiding	When Molecules Meet; Femtosecond studies of ONOO(-) + H(+)
OR05	<i>FC</i>	12:10	VB	Moisés Canle López	Mechanism of Photodegradation of Carbamate-based Acetylcholinesterase Inhibitors
OR06	<i>FC</i>	12:30	VB	Shinjiro Kobayashi	Hydrogen Abstraction by Photo-generated SO ₄ ⁻ Radicals
OR07	<i>FC</i>	12:50	VB	Andrea Lapi	Photooxygenation of Dibutyl Sulfide and Thioanisole in MeCN Sensitized by N-Methylquinolinium and 9,10-Dicyanoanthracene. The Role of Singlet Oxygen and the Nature of the Reaction Intermediate in Electron Transfer Photooxygenations
OR08	<i>MC</i>	13:10	VB	Bjørnar Arstad	A Theoretical Study on the role of Benzenium Cations in Methanol to Olefin (MTO) Conversion over Acidic Zeolites.
		13:30 GSH		<i>Lunch</i>	
PL03	<i>MP</i>	14:30 GSH		Trevor Rayment	Atomic Force Microscopy and organic films - from a chemical probe to a mechanochemical tool in nanochemistry
		15:30 GSH		<i>Coffee Break</i>	
				- <i>Session 3</i>	
IN03	<i>BS</i>	16:00	VB	Torsten Stachelhaus	Rational Design and Combinatorial Biosynthesis of Peptide Antibiotics
OR09	<i>BS</i>	16:40	VB	Florian Hollfelder	Quantifying Medium Effects in Synthetic Enzyme Models
OR10	<i>MC</i>	17:00	VB	Wafaa Abdou	Alkylidene Phosphoranes in Heterocyclic Synthesis. Application of Wittig Reagents on α -Imino Ketones
OR11	<i>MC</i>	17:20	VB	Maria Eduarda Araújo	Hydrolysis of S-phenyl N-methyl arylsulphonyldithiocarbamate esters in Basic Media
OR12	<i>MC</i>	17:40	VB	Artem Melman	Carbodiimide Esterifications - Reactivity and Mechanism
				- <i>Session 4</i>	
IN04	<i>SC</i>	16:00	VB	Yitzhak Apeloig	Low-Coordination Silicon Compounds. Interplay and Synergism Between Experiment and Theory
OR13	<i>SC</i>	16:40	VB	James Becker	Electrochemical Oxidation of Siloles (Silacyclopentadienes)
OR14	<i>SC</i>	17:00	VB	Daniel Kost	Reaction-Coordinate Models for Nucleophilic Displacement and for Berry Pseudorotation in Pentacoordinate Silicon Complexes
OR15	<i>SC</i>	17:20	VB	Thomas Müller	Norbornyl Cations of Group 14 Elements

Sunday

Program ESOR9

UNDER CONSTRUCTION !!

13.06.2003

OR16 SC 17:40 VB **Henrik Ottosson** On the Influence of Reversed Si=C Bond Polarization on Structure and Reactivity of Silenes and 2-Silenolates

19:00 *End*

19:30 *Concert*

Monday		Program ESOR9		UNDER CONSTRUCTION !!	13.06.2003
PL04	GP	9:00 GSH	Henri Audier	Mono-solvated ions in the gas phase	
PL05	GP	10:00 GSH	Simonetta Fornarini	Chemistry of Protonated Species in Gaseous Environments	
		11:00 GSH	<i>Coffee Break</i>		
			- <i>Session 1</i>		
IN05	MC	11:30 VB	Tom Tidwell	Pyridylketenes by Laser Flash Photolysis: Intramolecular Interactions in Reactive Intermediates	
OR17	MC	12:10 VB	Maria Lurdes Cristiano	Mechanistic Investigation Into the Thermal Decomposition Of Urethanes	
OR18	MC	12:30 VB	Chaza Darwich	Reductive method limiting precipitation of imine in the elaboration of alicyclic hydrazines by chloramine process	
OR19	MC	12:50 VB	Giovanni Fontana	Synthesis and Kinetics of the Thermal Decomposition of the Poly(perfluoroethyleneperoxide)	
OR20	MC	13:10 VB	Kallol K. Ghosh	Reactions of Dihydroxamic Acids in Acidic and Basic Solutions : Ionization, Kinetics and Mechanism	
			- <i>Session 2</i>		
IN06	BS	11:30 VB	Stefan Matile	Synthetic Multifunctional Pores: From Biomimicry to Practical Applications	
OR21	BS	12:10 VB	Jacques Fastrez	Engineering an allosteric binding site within an enzyme	
OR22	BS	12:30 VB	Carlo Galli	Mediated Oxidations with the Enzyme Laccase	
OR23	BS	12:50 VB	Daniel Rodríguez Ramos	Myeloperoxidase-mediated chlorination: the quest for the active species	
OR24	BS	13:10 VB	Kelly Velonia	From Single to Self-Assembled Enzyme Architectures	
		13:30 GSH	<i>Lunch</i>		
PL06	GP	14:30 GSH	Peter Chen	Organometallic Chemistry in the Gas-Phase using Electrospray Ionization Tandem Mass Spectrometry	
		15:30 GSH	<i>Coffee Break</i>		
		16:00 GSH	<i>Poster session A</i>		
		18:00	<i>Posters ends</i>		
		19:30	<i>Norwegian evening</i>		

Tuesday		Program ESOR9		UNDER CONSTRUCTION !!	13.06.2003
PL07	SM	9:00	GSH	Jay Siegel	Shape-Targeted Chemistry
PL08	MC	10:00	GSH	Claude Bernasconi	The Principle of Nonperfect Synchronization: How Does It Apply to Aromatic Systems?
		11:00	GSH	Coffee Break	
				- Session 1	
IN07	MC	11:30	VB	Shmaryahu Hoz	The Driving Force Behind Elimination Reactions And The Taming Of Carbanion Reactivity By Br ₃
OR25	MC	12:10	VB	Per Ahlberg	Catalytic stereoselective deprotonations. Unravelment of the basis and improvement of catalysts
OR26	MC	12:30	VB	Saeed Balalaie	Inside Protonation and Complexation of 1,8-Diazabicyclo [6,6,n] alka-4,11dienes
OR27	MC	12:50	VB	C.Ian F. Watt	Primary Kinetic Isotope Effects in Inter- and Intramolecular Proton Transfers to Nitronate Anions
OR28	MP	13:10	VB	Bong Rea Cho	Nonlinear Optical Properties of 1,3,5-Tricyanobenzene Derivatives
				- Session 2	
IN08	OM	11:30	VB	Anthony Haynes	Understanding Catalytic Carbonylation
OR29	OM	12:10	VB	Jürgen Heck	Transformation from Cyclooctatetraene to cis-5,7-Disubstituted Cycloocta-1,3-dienes
OR30	OM	12:30	VB	Göran Hilmersson	Reduction Reactions Mediated by SmI ₂ /H ₂ O/Amine Mixtures in THF
OR31	OM	12:50	VB	Dieter E. Kaufmann	The Asymmetric Hydroarylation Reaction - Mechanism, Perspectives and Limits
OR32	OM	13:10	VB	Yong Hae Kim	Asymmetric Dimerizations of α -Ketoamides and β -Unsaturated Amides
		13:30	GSH	Lunch	
PL09	QC	14:30	GSH	Knut Børve	Mechanistic studies of some chromium-based catalytic systems - by way of theory.
		15:30	GSH	Coffee Break	
IN09	SM	16:00	VB	Christoph Schalley	Template Effects and Self-Assembly: From Solution to the Gas Phase
				- Session 3	
OR33	SM	16:40	VB	Ian Cunningham	Deprotonation of Calixarenes by Amine Bases in Acetonitrile
OR34	SM	17:00	VB	Çakıl Erk	Fluorophore Crown Ethers and Cation Recognition
OR35	SM	17:20	VB	Silke Felber	Preparation and properties of a new perylene dye with a tripodal anchor group
OR36	SM	17:40	VB	Stephanie Koenig	Reactivity on Au Nanoparticles: Suppressed Intramolecular Catalysis
				- Session 4	
OR37	OM	16:40	VB	Sung Soo Kim	An Efficient Aerobic Oxidation of Alcohols to Aldehydes and Ketones with TEMPO / Ceric Ammonium Nitrate as Catalysts
OR38	OM	17:00	VB	Donna Nelson	Mechanistic Studies via Correlations of Additions to Alkenes
OR39	OM	17:20	VB	Viatcheslav Sokolov	(Cyclopentadienyl)Chromiumtricarbonyl Dimers as a Source of Metal-Centered Free Radicals to Form Stable 2-Bonded Spin-Adducts With Fullerenes
OR40	OM	17:40	VB	Gabriele Wagner	Thermal and Microwave-assisted Cycloaddition of Nitrones to fFee and Coordinated Cinnamionitrile.
		18:00	GSH	Coffee Break	
				- Session 5	
OR41	SM	18:20	VB	J. Ramón Leis	Thermodynamic and Kinetic Studies on Metal Ligand Complexation in water in oil Microemulsions

Tuesday		Program ESOR9		UNDER CONSTRUCTION !!	13.06.2003
OR42	SM	18:40	VB	John Lomas	Solvent and Structure Effects on Rotamerization in 3,4-Alkylenedioxy- and 3,4-Dialkoxy-2,5-bis[di(tert-butyl)hydroxymethyl]thiophenes
OR43	SM	19:00	VB	Hrvoj Vancik	Nitrosobenzene Library as Possible Basis for Photosensitive Supramolecular Assembly
OR44	SM	19:20	VB	Santosh K. Sar	Alpha - Effect of Hydroxamate -Ions in Micellar Mediated Reactions of p-Nitrophenyl Acetate
				- Session 6	
OR45	MC	18:20	VB	Thomas Laube	Single Crystal Structure of an Unstable Cation: Protonated anti-7-Benzonorborneol. A Potential Precursor of a Nonclassical Ion
OR46	MC	18:40	VB	Rory More O'Ferrall	Ortho-Oxygen Substituent Effects upon Stabilities of Benzylic Carbocations
OR47	MC	19:00	VB	Tadashi Okuyama	Michael Reaction of Vinyl Iodonium Salt: A Hidden Pathway
OR48	MC	19:20	VB	Henry J. Shine	Adducts of Phenoxathiin- and Thianthrene Cation Radicals with Alkenes and Cycloalkenes

Wednesday		Program ESOR9		UNDER CONSTRUCTION !!	13.06.2003
PL10	QC	9:00 GSH	Trygve Helgaker	The A Priori Calculation of Molecular Properties to Chemical Accuracy	
		10:00 GSH	<i>Coffee Break</i>		
			- <i>Session 1</i>		
OR49	MC	10:30 VB	Tsutomu Asano	The Extent of Coupling between Solvent Reorganizations and Chemical Structural Changes in Various Unimolecular Reactions	
OR50	MC	10:50 VB	Vladimir Kiselev	Solvent Viscosity Effect on the Diels-Alder Reaction Rate under High Pressure	
OR51	MC	11:10 VB	Christian Reichardt	New Water-Soluble Pyridinium N-Phenolate Betaines Dyes for the Empirical Determination of the Polarity of Aqueous Media	
OR52	GP	11:30 VB	Marvin Charton	Substituent Effects on Reactions and Properties involving Radical Ions as Reactants or Products. 2. oxidation and Reduction Potentials.	
			- <i>Session 2</i>		
OR53	QC	10:30 VB	Ernst Anders	The Fruitful Interplay of Quantum Chemistry and Experiment: Triazinium-Imidothiolate-Zwitterions and their Role as Key Intermediates in New Reaction Cascades	
OR54	QC	10:50 VB	Nataliya Atamas	Monte Carlo Study of Hydrations Effects of Polar Molecules in Water	
OR55	QC	11:10 VB	Alessandro Bagno	Complete Prediction of the ¹ H NMR Spectrum of Organic Molecules by DFT Methods	
OR56	QC	11:30 VB	Giacomo Saielli	A Quantum-chemical Study of the Through-space Spin-spin Coupling in van der Waals and CH/π Interacting Systems	
		11:50 GSH	<i>Coffee Break</i>		
			- <i>Session 3</i>		
OR57	MC	12:10 VB	Anthony Kirby	Structural Correlations for Nucleophilic Addition to C=O: Not Just Dry Facts	
OR58	MC	12:30 VB	Zvi Rappoport	Enols Y ¹ C=C(OH)NHR of carboxamides Y ¹ CHCONHR. Effect of Y, Y ¹ and The solvent on the amide/enol equilibria	
OR59	MC	12:50 VB	Francois Terrier	An Extremely High Electrophilic Heteroaromatic Structure: 4,6-Dinitrotetrazolo [1,5-a] Pyridine	
OR60	MC	13:10 VB	Ik-Hwan Um	Reinterpretation of Curved Hammett Plots in Reaction of Nucleophiles with Aryl Benzoates: Change in Rate Determining Step or Mechanism versus Ground-State Stabilization	
			- <i>Session 4</i>		
OR61	QC	12:10 VB	Stian Svelle	Theoretical Modeling of Zeolite Catalyzed Methylation Reactions	
OR62	QC	12:30 VB	Hiroshi Yamataka	Dynamics-Driven Reaction Pathway: In What Case Is a Reaction Controlled by Dynamics?	
OR		12:50 VB			
OR		13:10 VB			
		13:30 GSH	<i>Lunch</i>		
		15:00	<i>Boat Trip</i>		
		18:30	<i>Dinner</i>		

Thursday

Program ESOR9

UNDER CONSTRUCTION !!

13.06.2003

PL11 SM 9:00 GSH **Jean-Marie Lehn** Constitutional Dynamic Chemistry : Self-Organization by Design and by Selection

PL12 BS 10:00 GSH **Leo Radom** The mechanics of Action of Coenzyme B 12

11:00 GSH *Coffee Break*

11:30 GSH *Symposium ends*