

	Monday	Tuesday	Wednesday	Thursday	Friday		
08:30	Opening + H. Gamsj.	I. Grenthe	M. Bendova	W. Runde	S. Gadzuric	08:30	
09:15	H. Gamsjäger	O 12 M.-E. Ragoussi	O 18 E. Waghorne	O 24 C. Guminski	O 35 S. Bette	09:15	
09:40	O 1 E. Königsberger	O 13 Y. Marcus	O 19 A. Toikka	O 25 Y. Xiong	O 36 A. Skerencak	09:40	
10:05	coffee	coffee	coffee	coffee	coffee	10:05	
10:35	O 2 P. Sipos	O 14 D.A. Kulik	O 20 Th. Lukowicz	O 26 M. Skripkin	O 37 N.A. Tikhonov	10:35	
11:00	O 3 X. Gaona	O 15 D. Rowland	O 21 L. Chebil	O 27 A. Lélias	O 38 G. Hefter	11:00	
11:25	O 4 P. Wang	O 16 G.D. Miron	O 22 E. Furia	O 28 D. Reed,	O 39 D. Rodrigues	11:25	
11:50	O 5 F. Brandt	O 17 A. Klamt	O 23 H. Matsuda	O 29 L. Truche	O 40 J. Lempinen	11:50	
12:15	Lunch	Lunch	Lunch	Lunch	Closing	12:15	
14:00	M. Filella	14:00 V. Metz	Conf.Tour	W. Voigt		14:00	
14:45	O 6 E.F. Bazarkina	14:30 K. Spahiu		O 30 S. Makaev		14:45	
15:10	O 7 J. Salminen	15:00 W. Hummel		O 31 T. Deng		15:10	
15:35	coffee	coffee		coffee		15:35	
16:05	O 8 C.M. Magalhães	16:00 P. Panak		O 32 D. Zeng		16:05	
16:30	O 9 K. Thomsen	16:30 L. Duro		O 33 O.N. Pestova		16:30	
16:55	O 10 J. Mesones	17:00 Th. Fanghänel		O 34 Chr. Balarew		16:55	
17:20	O 11 A. Benazzouz					17:20	
17:45						17:45	
18		Postersession		Conf.Tour			18
19			Conf. Dinner				19
20							20

Plenary and Invited	
<i>H. Gamsjäger</i>	THERMODYNAMIC PROPERTIES OF MOLYBDATE ION: REACTION CYCLES AND EXPERIMENTS
<i>I. Grenthe</i>	SOLID PHASES, STRUCTURES AND SOLUTION CHEMISTRY - WHAT TYPE OF MOLECULAR INSIGHTS DO THEY PROVIDE?
<i>M. Bendova</i>	LIQUID PHASE BEHAVIOUR IN SYSTEMS CONTAINING IONIC LIQUIDS: CAN "OLD-FASHIONED" EXPERIMENTS ENABLE US TO UNDERSTAND THEIR PROPERTIES AND STRUCTURES?
<i>W. Runde</i>	ACTINIDE CHEMISTRY IN CHLORIDE BRINE SOLUTIONS
<i>W. Voigt</i>	WHAT WE KNOW AND STILL NOT KNOW ABOUT OCEANIC SALTS
<i>M. Filella</i>	SOLUBILITY SEEN FROM AN ENVIRONMENTAL CHEMIST POINT OF VIEW: CAVEATS AND NEEDS
<i>S. Gadzuric</i>	THERMODYNAMICS OF LANTHANIDE HALIDE + ALKALI HALIDE BINARY MIXTURES: EXPERIMENTAL AND CHEMOMETRIC STUDY

Nuclear Session	
<i>V. Metz</i>	RADIONUCLIDE BEHAVIOUR IN A GEOLOGICAL DISPOSAL SYSTEM FOR NUCLEAR WASTE
<i>K. Spahiu</i>	SPENT NUCLEAR FUEL AND RELATED SOLUBILITY PHENOMENA IN AQUEOUS MEDIA
<i>W. Hummel</i>	AQUEOUS RADIONUCLIDE THERMODYNAMICS AND ION INTERACTION PROCESSES
<i>P. Panak</i>	SPECIATION OF ACTINIDES BY TIME-RESOLVED LASER FLUORESCENCE SPECTROSCOPY
<i>L. Duro</i>	REDOX PROCESSES AND AQUATIC CHEMISTRY IN THE SAFETY CASE OF DEEP GEOLOGICAL REPOSITORIES OF RADIOACTIVE WASTES
<i>Th. Fanghänel</i>	APPLICATIONS OF MOLTEN SALTS IN NUCLEAR TECHNOLOGY

Oral presentations	
O 1	<p>SOLUBILITY AND THERMODYNAMIC DATA FOR METAL ARSENATES <i>E. Königsberger, J. Majzlan, K.D. Nordstrom</i></p>
O 2	<p>MULTINUCLEAR COMPLEX FORMATION BETWEEN Ca(II) AND POLYHYDROXY CARBOXYLATES IN HYPERALKALINE SOLUTIONS RELEVANT TO RADIOACTIVE WASTE DISPOSAL <i>A. Pallagi, E.G. Bajnóczy, S.E. Canton, T. Bolin, G. Peintler, B. Kutus, Z. Kele, I. Pálkó, P. Sipos</i></p>
O 3	<p>COMPLEXATION OF An(III) AND An(IV) WITH GLUCONATE UNDER HYPERALKALINE PH CONDITIONS: SOLUBILITY AND TRLS STUDIES <i>X. Gaona, H. Rojo, Th. Rabung, M. Garcia-Gutierrez, T. Missana, M. Altmaier</i></p>
O 4	<p>MODELING SPECIATION AND SOLUBILITY IN SYSTEMS CONTAINING ACTINIDES <i>P. Wang, A. Anderko</i></p>
O 5	<p>RADIUM SOLUBILITY IN THE PRESENCE OF BARITE: A COMBINED EXPERIMENTAL AND ATOMISTIC MODELLING APPROACH <i>F. Brandt, M. Klinkenberg, V. Vinograd, K. Rozov, U. Breuer, D. Bosbach</i></p>
O 6	<p>CHLORIDE VERSUS SULFUR CONTROL ON PALLADIUM TRANSPORT BY HYDROTHERMAL FLUIDS <i>E.F. Bazarkina, G.S. Pokrovski, J.-L. Hazemann</i></p>
O 7	<p>RARE EARTH METALS LEACHING AND RECOVERY FROM IGNEOUS SOURCES <i>J. Salminen, L. Räsänen, J. Mäkinen, J. Kaunisto, P. Koukkari</i></p>
O 8	<p>SOLUBILITY OF STRONTIUM ARSENATES <i>C.M. Magalhães, C. Martins, C. Barbosa</i></p>
O 9	<p>CO₂ CAPTURE SYSTEM WITH LIQUID-LIQUID PHASE SPLIT IN ADDITION TO VLE AND SLE <i>K. Thomsen, M.W. Arshad</i></p>
O 10	<p>EFFECT OF THE ADDITION OF LiNO₃, LiI AND LiCl IN THE SOLUBILITY OF LiBr AQUEOUS SOLUTIONS FOR ABSORPTION REFRIGERATION SYSTEMS <i>J. Mesones, D. Salavera, A. Coronas</i></p>
O 11	<p>SOLUTE-SOLVENT INTERACTIONS WITH COSMO-RS: INVESTIGATION OF THE SOLUBILITY OF A UV-FILTER, AVOBENZONE, IN COSMETIC OILS <i>A. Benazzouz, L. Moity, V. Molinier, J.-M. Aubry</i></p>

O 12	THE OECD NUCLEAR ENERGY AGENCY THERMOCHEMICAL DATABASE PROJECT <i>M.-E. Ragoussi</i>
O 13	PREDICTION OF THE SOLUBILITY OF ORGANIC SOLUTES IN AQUEOUS ELECTROLYTES <i>Y. Marcus</i>
O 14	ACCOUNTING FOR AQUEOUS- SOLID SOLUTION INTERACTION KINETICS IN COMPUTER-AIDED CALCULATIONS OF PARTIAL EQUILIBRIA <i>D.A. Kulik, B.M.J. Thien, E. Curti</i>
O 15	DESIGNING A SOLUBILITY DATABASE FOR REACTIVE SYSTEMS <i>D. Rowland, E. Königsberger, P. May</i>
O 16	GEMSFITS: A CODE PACKAGE FOR INPUT PARAMETER OPTIMIZATION OF CHEMICAL THERMODYNAMIC MODELS <i>G.D. Miron, D.A. Kulik, S.V. Dmytrieva, Th. Wagner</i>
O 17	COSMO-RS AS A BROADLY APPLICABLE TOOL FOR SOLUBILITY PREDICTION <i>A. Klamt</i>
O 18	AN IR AND COMPUTATIONAL STUDY OF THE HYDROGEN BONDING TO URACIL I AQUEOUS DMSO MIXTURES <i>E. Waghorne, M. Mohammadpoor, L. Sherry, F. Milton-Purcell</i>
O 19	SOLUBILITY AND PHASE PROCESSES IN WATER – ORGANIC MULTICOMPONENT SYSTEMS WITH NON-EQUILIBRIUM CHEMICAL REACTIONS <i>A. Toikka, A. Samarov, N. Tsvetov, I. Letyanina</i>
O 20	HYDROTROPIC SOLUBILISATION OF β-PINENE: PHASE BEHAVIOR AND 2D NMR DOSY INVESTIGATION OF THE EFFECT OF LINALOOL <i>Th. Lukowicz, V. Molinier, V. Nardello-Rataj, J.-M. Aubry</i>
O 21	FLAVONOIDS SOLUBILITY IN ORGANIC SOLVENTS: MOLECULAR MODELLING, THERMODYNAMICS AND PHYSICO-CHEMICAL INVESTIGATIONS <i>L. Chebil, C. Gaiani, M. Bouroukba, F. Dehez, C. Humeau, J.-M. Engasser, M. Ghoul</i>
O 22	NEW STRATEGY FOR THE SOLUBILITY DETERMINATION OF PHENOLIC ACIDS <i>E. Furia, A. Tagarelli, G. Sindona</i>

O 23	<p>SEARCH OF CO-SOLVENTS OF POORLY WATER-SOLUBLE BIOACTIVE COMPOUNDS IN NEUTRAL PRODUCTS ON THE BASIS OF THE SOLUBILITY MEASUREMENTS</p> <p><i>H. Matsuda, M. Ozawa, K. Kurihara, K. Tochigi, K. Tomono</i></p>
O 24	<p>SOLUBILITY AND THE PERIODIC TABLE OF ELEMENTS</p> <p><i>C. Guminski</i></p>
O 25	<p>MODELING ACTINIDE SOLUBILITIES IN ALKALINE TO HYPERALKALINE SOLUTIONS: PART TWO, SOLUBILITY OF PU(IV) IN NaOH SOLUTIONS</p> <p><i>Y. Xiong, C.D. Leigh</i></p>
O 26	<p>SOLUBILITY OF SOME TRANSITION METALS HALIDES IN ORGANIC AND MIXED AQUA-ORGANIC SOLVENTS</p> <p><i>M. Skripkin, A. Gorbunov, N. Tcyrulnikov, N. Bogachev, A. Tikhomirova</i></p>
O 27	<p>A COMPARATIVE STUDY OF URANIUM AND PLUTONIUM TRANSFER DURING LIQUID-LIQUID EXTRACTION</p> <p><i>A. Lélias-Vanderperre, R. Berlemont, M. Miguirditchian</i></p>
O 28	<p>THORIUM AS AN ANALOG FOR ACTINIDE(IV) SOLUBILITY IN BRINE</p> <p><i>D. Reed, M. Richmann, D. Cleveland, M. Borkowski</i></p>
O 29	<p>THE ROLE OF SULPHUR SPECIATION IN ABIOGENIC SULPHATE REDUCTION</p> <p><i>L. Truche, E. Bazarkina, G. Barré, E. Thomassot, G. Berger, J. Dubessy</i></p>
O 30	<p>SUPERCRITICAL PHASE EQUILIBRIA IN THE SYSTEM $\text{Li}_2\text{SO}_4 - \text{LiCl} - \text{H}_2\text{O}$</p> <p><i>S. Makaev, M. Urusova, V. Valyashko</i></p>
O 31	<p>SOLUBILITY DATABASE AND THE STABLE AND METASTABLE SOLUBILITY PHENOMENA ON THE COMPLEX SALT-SYSTEMS</p> <p><i>T. Deng, S. Wang, Y. Guo, X. Yu</i></p>
O 32	<p>PHASE DIAGRAM DETERMINATION THE KEY SALT LAKE BRINE SYSTEM $\text{Li}^+, \text{Mg}^{2+} // \text{Cl}^-, \text{SO}_4^{2-} - \text{H}_2\text{O}$ AND ITS INDUSTRIAL APPLICATION</p> <p><i>D. Zeng, H. Li</i></p>
O 33	<p>THE UNITED PHENOMENOLOGICAL MODEL OF THE ELECTROLYTE AQUEOUS SOLUTIONS STRUCTURE</p> <p><i>M.K. Khripun, O.N. Pestova, L.A. Mund</i></p>
O 34	<p>ON THE CRYSTALLIZATION KINETICS OF HIGHLY SOLUBLE SALTS</p> <p><i>Chr. Balarew, S. Tepavitcharova, D. Rabadjieva and S. Kamburov</i></p>

O 35	<p>THE SYSTEM Ni(OH)₂-NiCl₂-H₂O AT 25°C AND 200°C AND RELATIONS BETWEEN BASIC NICKEL AND MAGNESIUM CHLORIDES</p> <p><i>S. Bette, D. Freyer, W. Voigt</i></p>
O 36	<p>A COMBINED TRLFS AND EXAFS STUDY ON THE COMPLEXATION OF Cm(III) AND Am(III) WITH CHLORIDE AT T = 25 – 200°C</p> <p><i>A. Skerencak-Frech, D.R. Fröhlich, J. Rothe, K. Dardenne, P.J. Panak</i></p>
O 37	<p>QUANTITATIVE ANALYSIS OF PHYSICAL FACTORS THAT DETERMINE THE BEHAVIOR OF ACTIVITY COEFFICIENTS OF ELECTROLYTES</p> <p><i>N.A. Tikhonov</i></p>
O 38	<p>IS THE IONIC LIQUID ETHYLAMMONIUM NITRATE LIKE WATER?</p> <p><i>G. Hefter, T. Sonnleitner, D. A. Turton, A. Ortner, S. Waselikowski, M. Walther, K. Wynne, R. Buchner</i></p>
O 39	<p>ACTINIDES / LANTHANIDES SEPARATION IN MOLTEN SALT MEDIA. APPLICATION TO THE LIQUID FUEL REPROCESSING OF MOLTEN SALT FAST REACTOR (MSFR) SYSTEM</p> <p><i>D. Rodrigues, S. Jaskierowicz, S. Delpech</i></p>
O 40	<p>RETENTION OF RADIOCARBON BY CARBON ISOTOPE EXCHANGE BETWEEN GROUNDWATER AND CALCITE</p> <p><i>J. Lempinen, J. Leht</i></p>