

<b>SUNDAY – 11/2/2008</b>	
Registration	15:00
Opening	19:00
Cocktail	20:00

<b>Oral Presentation</b>		<b>MONDAY – 11/03/2008</b>		
1 <sup>st</sup> Lecture		Application of Environment Isotopes in Groundwater Studies in Regional Aquifers <i>Dr. Ramon Aravena</i>		8:30
001	ES13	Environmental tritium as a tracer for the verification of groundwater flow models <i>Cota, S., Velásquez, L.N.M., Minardi, P., Bomtempo, V.L.</i>		9:20
002	ES06	Use of <sup>24</sup> Na in the determination of the moisture carryover In Angra 1 nuclear power station steam generators <i>Anselmo Miranda, Enio Magalhães Freire</i>		9:45
Coffee Break				10:10
003		IS04	Application of radiotracer methodology to study mixing and segregation in a rotary mixer in glass industry <i>Luis Eduardo Barreira Brandão, Lidia Vasconcellos, Álvaro Serafim de Sousa</i>	10:35
004		IS07	Determination of residence and mixing times through a slurry bed waxes reactor <i>Dawid de Villiers, Dries Hills, Peter Bellingham, Jack Ledwaba</i>	11:00
005	HS01		Comparison of blood residues effects in body tissues considering dose estimation three lutetium model <i>M. F. Lima, E. B. Araújo and C. H. de Mesquita</i>	11:25
006	HS05		Guide to radiopharmaceuticals interactions with other drugs <i>Ralph S Oliveira</i>	11:50
Lunch				12:30
2 <sup>nd</sup> Lecture		Use of Radiotracer in Copper Hydrometallurgical Operations <i>Dr. George Menacho</i>		14:00
007		IS15	Comparative study of the catalytic powder behavior at two different risers of FCC plants <i>Francisco Pablo Ramírez García</i>	14:50
008		IS03	Industrial radiotracer generators <i>Kristin Fure, Sindre Hassfjell and Tor Bjørnstad</i>	15:15
Coffee Break				15:40
009	ES01		Boron quantification in wood: an application of radiotracers <i>Celso Vargas, Mario Conejo, Roger Moya, Joon Ha Jin</i>	16:05
010	ES02		Using tracer experiments to determine deep saline aquifers caprocks characteristics for carbon dioxide storage <i>P. Bachaud, Ph. Berne F. Renard, M. Sardin, J.P Leclerc</i>	16:30
011	ES03		Using tracer experiments for compartmental modeling of aerated sludge channel reactor <i>Y. Le Moullec, O. Potier, C. Gentric, J.P. Leclerc</i>	16:55

Oral Presentation				TUESDAY – 11/04 /2008		
3 <sup>rd</sup> Lecture				Tracer Applications in Industry and Hydrology – Case Studies <i>Dr. Iqbal Hussain Khan</i>		8:30
012			IS18	Comparison of several models and/or software's for tracer test interpretation in a five spot laboratory set-up <i>Ph. Berne, J.P Leclerc</i>	9:20	
013			IS08	<sup>63</sup> Ni(CN) <sub>4</sub> <sup>2-</sup> and Ni( <sup>14</sup> CN)(CN) <sub>3</sub> <sup>2-</sup> -complexes as possible water tracers: Synthesis, purity assurance and analytical procedures <i>Kjersti Jevanord and Tor Bjørnstad</i>	9:45	
Coffee Break					10:00	
014		ES07		Liquid and gas residence time distribution in a two-stage bioreactor with cell recycle <i>Lamia BEN GAIDA, Christophe ANDRE, Carine BIDEAUX, Sandrine ALFENORE, Xavier CAMELEYRE, Carole MOLINA-JOUVE, Luc FILLAUDEAU</i>	10:35	
015		ES15		Use of terrestrial epiphytic community to biomonitor of atmospheric pollution at steel valley region, Minas Gerais State <i>Maria Adelaide Rabelo Vaconcelos</i>	11:00	
016	HS04			Chemical and biological characterization of the lutetium-177 labeled bombesin derivative BBNp6 <i>Priscilla Brunelli Pujatti, Josefina da Silva Santos, Jair Mengatti and Elaine Bortoleti de Araújo</i>	11:25	
017	HS03			Effect of the medicinal plant echinacea on the labeling of red blood cells with technetium-99m <i>Maria Luisa Gomes, Glaucio Diré Feliciano, Simone Maia Evaristo and Mario Bernardo-Filho</i>	11:50	
Lunch					12:30	
4 <sup>th</sup> Lecture				Tracer experiments for process and chemical engineering: recent applications and future development required <i>Dr. Jean Pierre Leclerc</i>		14:00
018		ES09		Development of a method for labelling mud with <sup>99m</sup> Tc, to be used in hydrodynamic studies of fine sediment in suspension – Application in Brazil <i>J.V. Bandeira, L.H. Salim, C.S. Sabino, E.G. Agudo, P.E. Aun, V.L. Mendes</i>	14:50	
019		ES10		Orinoco River suspended sediment studies using <sup>99m</sup> Tc – Venezuela <i>Maria Léa Machado, Jefferson Vianna Bandeira, Lécio Hannas Salim Rubens M.Moreira</i>	15:15	
Coffee Break					15:40	
Poster Section					16:05	

Oral Presentation				WEDNESDAY – 11/05 /2008	
5 <sup>th</sup> Lecture		Using Radon as Environmental Tracer in Applied Geosciences <i>Dr. Michael Schubert</i>		8:30	
020		IS02	Radiotracer application as a diagnostic tool in industries <i>Dries Hills, Dawid de Villiers</i>	9:20	
021		IS10	Radiolabelled Co(Cn) <sub>6</sub> 3- complexes, - possibilities and limitations for tracing water flow in oilfield operations <i>Tor Bjørnstad, Odd B. Michelsen<sup>a)</sup>, Dag Ø. Eriksen and Gonglay Yan</i>	9:45	
Coffee Break				10:10	
022	HS10		<sup>195m</sup> Pt- labeled cisplatin as a possible tool for glioblastoma treatment <i>Soares M.A., Mattos J.L., Leal A.S., Santos R.G</i>	10:35	
023	HS02		New method for preparing a <sup>35</sup> S in the form as a sulfite to be used as Tracer in medical and physiological research <i>J Topkin, P Mitchel, JR Zeevaart, Z Szucs</i>	11:00	
024		IS19	Tracers for wormhole characterization and gel treatment design and evaluation, in oil secondary recovery <i>M.B. Peralta, C. Procak, M.V. de la Fuente y C. Somaruga</i>	11:25	
025	MS01		Scintillating setup for high accessibility detection of low activity ionizing radiations <i>Philippe Anfré, Benoît Hautefeuille, Olivier Tillement, Sarah Dewonck</i>	11:50	
Lunch				12:30	
6 <sup>th</sup> Lecture		Development of interwell tracer technology over the last 20 years <i>Dr. Philos Tor Bjornstad</i>		14:00	
026		IS06	Tracers for enhanced oil recovery in the Brazilian Northeast <i>Maria Aparecida de Melo, Ivonete Pereira Gonzalez da Silva, Amenonia Maria F. Pinto</i>	14:50	
027		IS05	Using tracer data to improve petroleum reservoir models <i>Olaf Huseby, Elin Rein , Øyvind Dugstad and Jan Sagen</i>	15:15	
Coffee Break				15:40	
028		IS01	Axial mixing performance of continuous phase in a pulsed sieve plate extraction column using gallium chloride as radiotracer <i>Ghiyas-ud-Dina, Imran Rafiq Chughtai, Mansoor Hameed Inayat, Iqbal Hussain Khan</i>	16:05	
029		ES05	Groundwater recharge assessment using environmental tracing methods <i>Mónica P D´ELIA, Ofelia C TUJCHNEIDER, Marta del C PARIS, Marcela A PEREZ &amp; Susana GERVASIO</i>	16:30	
030		ES16	Natural radioactivity of coastal sediments as "Tracer" in dynamic sedimentology <i>Dr. Jovan Thereska</i>	16:55	

THURSDAY – 11/06/2008			
Round Table	Perspectives on the Development and Tracer Applications <i>Dr. Iqbal Hussain Khan, Dr. Philos Tor Bjornstad, Dr. Rubens Martins Moreira,</i>		9:00
Closure			11:00
Lunch			12:00

Poster Section: 16:05 h

TUESDAY – 11/04 /2008				
031				<sup>115</sup> Cd/ <sup>115</sup> In tracer generation development for industrial applications <i>Jussara Brant de Carvalho, Amenônia Maria Ferreira Pinto, Rubens Martins Moreira Gilmara Lúcia Souza Alvarenga, Fernanda Cristina Fonseca Camargo</i>
032	HS09			<sup>159</sup> Gd- Gadodiamide: obtainment of a possible therapeutic radiopharmaceutical <i>Daniel Crístian Ferreira Soares, Maria Ângela de Barros Correia Menezes, Raquel Gouvêa dos Santos, Gilson Andrade Ramaldes</i>
033	MS05			<sup>222</sup> Rn determination in water samples by using liquid scintillation spectrometry with different cocktails <i>Thiago Oliveira</i>
034		ES04		A non uniform flow velocity equation and its applications to mass transport in natural streams <i>A. Constain, A. Carvajal and J. Carvajal</i>
035			IS12	Analytical model for tracer transport in formations having conductive geological faults <i>Manuel Coronado and Jetzabeth Ramírez-Sabag</i>
036			IS14	Application of radioactive tracers in pulp follow up during a digester blowing in a multiple batch-digester pulp mill <i>Francisco Díaz V., Darren Ledermann M, Hernán Arriagada C.</i>
037			IS20	Características hidrodinámicas del DSP de la Empresa Mielera "Heriberto Duquesne" por el método de los radiotrazadoresHydrodynamic Characteristics of SDU Enterprise "Heriberto Duquesne" by the radiotracer method <i>Griffith J, Derivet M; Cuesta J, Flores J, Valdés J.</i>
038	HS06			Comparison of the pc, TLC-RP and HPLC-RP methods in the determination of the radiochemical purity of <sup>99m</sup> Tc-sestamibi <i>Almeida, E. V.;Fukumori, N. T. O.;Guirau, A.; Mengatti,J.;Matsuda, M. M. N.</i>
039			IS09	Profile analysis of fluids displacement in a Phase separation tank applying the radiotracer technique <i>Ricardo Elias de Miranda Candeiro, Luís Eduardo Barreira Brandão, Éder Fernando da Silva</i>
040	MS03			Determining tritium in new tracers research <i>Raquel M. Mingote , Eliane S. C. Temba and Rubens M. Moreira</i>
041	MS04			Determining tritium in new tracers research Radon determination in different matrices using LSC <i>Eliane S. C. Temba, Raquel M. Mingote and Amenônia M. F. Pinto</i>
042			IS16	Development of new and alternative tracers for oil reservoirs <i>Lauris L. Silva, Claudio L. Donnici, J. Danilo Ayala, Cíntia H. Freitas, Rubens M. Moreira, Amenônia M. F. Pinto</i>
043		ES08		Gamma-ray survey in the characterization of an area contaminated by mercury in Descoberto-MG, Brazil <i>Carlos A. de Carvalho Filho, Peter M. Fleming, Otávio E. de Aquino Branco, and Mauro C. Trindade</i>
044			IS21	Implementation and automatization of a flow-through experimental setup for the evaluation of new tracers for oil reservoir characterization <i>Bruno Resende Debien, Aimoré Dutra, Letícia Tasm Perigolo and Rubens Martins Moreira</i>
045			IS22	Metodologia para aplicação de traçadores radioativos em reservatórios de petróleo <i>Alberto A. Barreto, Amenônia M. Ferreira Pinto, Rubens M. Moreira, Bruno G. Batista</i>
046	HS08			Preparation of radioactive Gold-nanoparticles as a SPECT imaging agent <i>Rafael Gontijo Furst Gonçalves, Marcella Araugio Soares, Paulo Roberto Ornelas da Silva, Arno Heeren de Oliveira, Andréa Vidal Ferreira, Ana Paula Alves, Marina Bicalho Silveira, Fabrício de Almeida Souza Vilas Boas, Klaus Krambrock, Luis Orlando Ladeira, Raquel Gouvêa dos Santos, Maurício Veloso Brant Pinheiro</i>
047	HS07			Radiolabeling and quality control of 2-acetylpyridine N4-phenyl- thiosemicarbazone: a potent antitumoral agent <i>Soares, M.A, Mendes, I. M. C., Beraldo H., Gouvêa dos Santos R<sup>1</sup></i>
048			IS13	RTD of the gas phase in a 130 m <sup>3</sup> self-aerated flotation cell <i>Francisco Díaz, Juan Yianatos, Felipe Contreras</i>
049	MS02			Scintillating setup for low activity beta emitter detection in underground galleries

				<i>Benoit Hautefeuille , Philippe Anfré , Olivier Tillement , Sarah Dewonck</i>
050		ES17		Soil-plant transfer factors of typical Brazilian crops <i>Vanusa M. F. Jacomino*, Kerley A. P. Oliveira, Maria Ângela de B. C. Menezes, Maria H. T. Taddei, Maria C. Siqueira, Marcos Roberto L. Nascimento, Fabiana F. Dias, David F. da Silva, Maria Eleonora Deschamps, Jaime W. V. Mello</i>
051			IS17	Synthesis of the indium complexes for using as an activable tracer in the oil secondary recuperation <i>Júnia de O. Alves, Rubens M. Moreira</i>
052		ES14		Tracer techniques as a contribution for studying the hydrological behavior of a São Francisco River sub-basin - PART I <i>Marcos Machado Drumond; Paulo César Horta Rodrigues; Cláudio Costa Camargos and Paulo Sérgio Pelogia Minardi</i>
053		ES14		Tracer techniques as a contribution for studying the hydrological behavior of a São Francisco River sub-basin - PART II <i>Marcos Machado Drumond; Paulo César Horta Rodrigues, Cláudio Costa Camargos and Paulo Sérgio Pelogia Minardi</i>
054		ES14		Tracer techniques as a contribution for studying the hydrological behavior of a São Francisco River sub-basin - PART III <i>Marcos Machado Drumond; Paulo César Horta Rodrigues, Cláudio Costa Camargos and Paulo Sérgio Pelogia Minardi</i>

ES: Environmental Section

IS: Industrial Section

HS: Health Section

MS: Measurement Section