

Program

Day	Time	Presentation title	Authors	First author institution
Mon 22	Field trip Gulf of California Rift System: Laguna Salada – San Felipe, Baja California			
Tue 23	Field trip Gulf of California Rift System: Laguna Salada – San Felipe, Baja California			
Wed 24	9:00 – 9:10	Welcome address by Federico Graef (Director of CICESE), Luis Delgado (CICESE) and Felipe Ortuño (IMP)	Graef Federico, Delgado Luis, Ortuño Felipe	CICESE, México
Wed 24	9:10 – 9:40	ILP Introduction - Founding partner of International Year of Planet Earth: Frontiers in integrated solid Earth sciences	Cloetingh S.A.P.L. y Negendank J.F.W.	Vrije Universiteit, Netherlands
Session 1: Basin processes Chairs: Noëlle Schoelkopf and Patrick Unternehr				
Wed 24	9:40 – 10:00	S01-1 NEW ASPECTS OF MAGMATISM IN RIFTING AND BASIN FORMATION	Thybo Hans	University of Copenhagen, Denmark
Wed 24	10:00 – 10:20	S01-2 STRUCTURAL AND THERMAL MODELLING OF THE FORELAND BASIN OF CHIAPAS-TABASCO, MÉXICO	Ortuño Arzate Felipe y Sassi William	Instituto Mexicano del Petróleo, México
Wed 24	10:20 – 10:40	S01-3 3D STRUCTURE OF THE ORANGE BASIN, SOUTHWEST AFRICAN CONTINENTAL MARGIN	Hirsch K.K., Scheck-Wenderoth M., Bauer K., van Wees J. D., Cloetingh S.A.P.L. y Beekman F.	GeoForschungsZentrum Potsdam, Germany
Coffee break				
Session 2: Gulf of California and NW Mexico Chairs: Walter Mooney and Arturo Martín-Barajas				
Wed 24	11:10 – 11:40	S02-1 NEOGENE EVOLUTION OF RIFTING IN THE NORTHERN GULF OF CALIFORNIA: TECTONOSTRATIGRAPHIC ANALYSIS OF SEISMIC REFLECTION AND BOREHOLE DATA	Martín Arturo, Helenes Javier, González Escobar Mario, García Juan, Aragón Manuel, Carreño Ana Luisa y Pacheco Martín	División de Ciencias de la Tierra, CICESE, México
Wed 24	11:40 – 12:00	S02-2 AN ARC-COLLISION ZONE IN NORTHERN BAJA CALIFORNIA, MÉXICO, DETECTED FROM MAGNETOTELLURIC DATA	Pamplona Uriel y Romo Jones José Manuel	División de Ciencias de la Tierra, CICESE, México
Wed 24	12:00 – 12:20	S02-3 SEISMIC REFLECTION IMAGES OF THE WESTERN FARALLON BASIN, SOUTHERN GULF OF CALIFORNIA, MÉXICO	Piñero Lajas Doris, González Fernández Antonio, López Martínez Margarita, Lonsdale Peter y Kluesner Pared	División de Ciencias de la Tierra, CICESE, México
Lunch				
Session 3: Gulf of Mexico and its surroundings Chairs: Fernando Sánchez-Ferrer and Gary Gray				
Wed 24	14:00 – 14:30	S03-1 TECTÓNICA GRAVITACIONAL Y MOVIMIENTOS CORTICALES CENOZOICOS EN LA MARGEN OCCIDENTAL DEL GOLFO DE MÉXICO	Martínez Reyes Juventino, Rangin Claude, Le Pichon Xavier, Andréani Louis, Le Roy Charlotte, Aranda García Mario, Flotté Nicolas y Husson Laurent	Centro de Geociencias, UNAM, México
Wed 24	14:30 – 14:50	S03-2 COB DEEP STRUCTURE IN A SHEAR MARGIN (WESTERN MAIN TRANSFORM - OFFSHORE VERACRUZ, SOUTHERN GULF OF MÉXICO)	Román Ramos Juan Rogelio, Sánchez Ferrer Fernando, Biegert Ed, Cruz Mercado Miguel Angel, Bartsch Erik, Salomon Mora Luis Enrique y Rosas Lara Carlos	PEMEX Exploración y Producción, México
Wed 24	14:50 – 15:10	S03-3 RECONSTRUCTION OF THE DEFORMATION AND FLUID FLOW HISTORY IN THE CÓRDOBA PLATFORM AND VERACRUZ BASIN (MÉXICO): VALIDATION AND CALIBRATION OF A BASIN MODEL	Ferket Helga, Swennen Rudy, Ortuño Arzate Salvador, Guilhaumou Nicole y Roure François	Vlaamse Instelling voor Technologisch Onderzoek, Belgium
Wed 24	15:10 – 15:30	S03-4 MODELADO DE FLUIDOS Y MIGRACIÓN DE HIDROCARBUROS EN UNA SECCIÓN DE LA REGIÓN PETROLERA DE VERACRUZ	González Mercado Esmeralda y Roure Francois	Petróleos Mexicanos, México
Wed 24	15:30 – 15:50	S03-5 PREDICCIÓN DE LITOFACIES EN AGUAS PROFUNDAS EN UN MARCO TECTÓNICO SEDIMENTARIO	Alzaga Ruiz Humberto, Granjeon Didier y Roure Francois	Instituto Mexicano del Petróleo, México
Coffee break				

Session 4: HC resources Chairs: François Roure and Felipe Ortuño				
Wed 24	16:30 – 17:00	S04-1 PROGRESS IN EXPLORATION: MAIN EXPLORATION BREAKTHROUGH AND EXPLORATION RESULTS FROM SOME FOLD BELTS PETROLEUM REGIONS	Mathieu Yves	Institut Français du Pétrole, France
Wed 24	17:00 – 17:20	S04-2 THE EFFECTS OF TECTONIC HISTORY AND FRAMEWORK ON PETROLEUM SYSTEMS AND RESOURCES IN EAGLE PLAIN BASIN AND ENVIRONS, YUKON TERRITORY, CANADA	Osadetz Kirk, Lane Larry, Chen Zhuoheng y Bird Timothy	Geological Survey of Canada, Canada
Wed 24	17:20 – 17:40	S04-3 A NEW THERMAL MATURATION MAP OF THE SILURIAN-DEVONIAN GASPÉ BELT BASIN IN THE QUÉBEC APPALACHIANS	Roy S., Bertrand R. y Malo M.	Institut National de la Recherche Scientifique, Canada
Session 5: Poster session 1				
Wed 24	17:40 – 18:40	S05-1 POSTER STRUCTURE AND STRATIGRAPHY IN THE WAGNER AND CONSAG BASINS, GULF OF CALIFORNIA, FROM SEISMIC REFLECTION	Hernández Pérez J. Antonio, González Escobar Mario y Martín Arturo	División de Ciencias de la Tierra, CICESE, México
Wed 24	17:40 – 18:40	S05-2 POSTER TEMPERATURE HISTORY OF THE ORANGE BASIN OBTAINED FROM CRUSTAL MODELS	Hirsch Katja, Scheck-Wenderoth Magdalena, Paton Douglas, van Wees Jan-Diederick y Cloetingh Sierd	GeoForschungsZentrum Potsdam, Germany
Wed 24	17:40 – 18:40	S05-3 POSTER BRITTLE MESOSTRUCTURAL KINEMATICS IN THE LAKE OKANAGAN FAULT ZONE: IMPLICATIONS FOR EOCENE AND YOUNGER DEFORMATION IN THE SOUTHERN CANADIAN CORDILLERA	Osadetz Kirk, Eyal Yehuda y Feinstein Shimon	Geological Survey of Canada, Canada
Wed 24	17:40 – 18:40	S05-4 POSTER CONTINENTAL RIFTING WITH FLAT MOHO	Thybo Hans, Nielsen Christoffer y Lyngsie Stig	University of Copenhagen, Denmark
Wed 24	17:40 – 18:40	S05-5 POSTER SUBSIDENCE INDUCED BY MAGMATIC ACTIVITY	Thybo Hans y Sandrin Alessandro	University of Copenhagen, Denmark
Wed 24	17:40 – 18:40	S05-6 POSTER CRUSTAL STRUCTURE OF THE OSLO GRABEN: PRELIMINARY RESULTS FROM MAGNUS-REX, CRUSTAL SCALE REFRACTION PROFILE	Thybo Hans, Stratford Wanda, Faleide Jan Inge, Olesen Odlev y Tryggvason Ari	University of Copenhagen, Denmark
Wed 24	17:40 – 18:40	S05-7 POSTER SEDIMENTARY BASIN EVOLUTION IN SOUTH ASIA: EXAMPLES FROM WESTERN CHINA	Mooney Walter D.	United States Geological Survey, USA
Session 6: Volcano failure Chairs: Alessandro Tibaldi and Derek Rust				
Thu 25	9:00 – 9:30	S06-1 GROWTH AND FAILURE OF VOLCANOES: A LESSON FROM NISYROS (GREECE) BY FIELD AND OFFSHORE DATA, AND ANALOGUE MODELLING	Tibaldi Alessandro, Papanikolaou Dimitri, Pasquarè Federico y Nomikou Paraskevi	Università degli Studi di Milano Bicocca, Italy
Thu 25	9:30 – 9:50	S06-2 LONG-TERM EVOLUTION OF INDIVIDUAL VOLCANOES AND VOLCANIC SYSTEMS RECORDING LITHOSPHERIC PROCESSES. THE EXAMPLE OF THE CARPATHIAN-PANNONIAN REGION (CENTRAL-EASTERN EUROPE)	Szakacs Alexandru, Seghedi Ioan y Pécskay Zoltán	Sapientia University, Romania
Thu 25	9:50 – 10:10	S06-3 UNSTABLE VOLCANOES AT THE EASTERN MEXICAN VOLCANIC BELT, IMPLICATIONS FOR NON-MAGMATIC TRIGGERS	Carrasco-Núñez Gerardo, Díaz-Castellón Rodolfo, Siebert Lee, Hubbard Bernard, Sheridan Michael y Rodríguez Sergio	Centro de Geociencias, UNAM, México
Thu 25	10:10 – 10:30	S06-4 THE CALDERA DE MALPASO AND THE EL OCOTE IGNIMBRITE, AGUASCALIENTES, MÉXICO	Nieto Obregón Jorge y Aguirre Díaz Gerardo de Jesús	Facultad de Ingeniería, UNAM, México
Coffee break				
Session 7: Volcanism and geodynamics Chairs: Luis Delgado and Ioan Seguedi				
Thu 25	11:00 – 11:20	S07-1 BASEMENT CONTROL ON THE OCCURRENCE OF RAPAKIVI GRANITE AND RELATED LAVAS IN THE WESTERN UNITED STATES: EVIDENCE FROM THE SUBVOLCANIC LITTLE CHIEF STOCK, DEATH VALLEY CALIFORNIA	Tormey Daniel	ENTRIX, Inc., USA
Thu 25	11:20 – 11:40	S07-2 CONTROLS ON EMPLACEMENT OF HYPABYSSAL SHEETS: INSIGHTS FROM THE ERODED THVERFELL VOLCANIC CENTRE IN ICELAND	Rust Derek, Tibaldi Alessandro, Vezzoli Luigina y Pasquarè Federico	University of Portsmouth, United Kingdom
Thu 25	11:40 – 12:00	S07-3 GEOCHEMISTRY AND TECTONIC SETTING OF THE EARLY CRETACEOUS ZACATECAS VOLCANIC COMPLEX, MÉXICO	Escalona Alcázar Felipe de Jesús, Delgado-Argote Luis A., Velasco Tapia Fernando y Nebel Oliver	División de Ciencias de la Tierra, CICESE, México

Thu 25	12:00 – 12:20	S07-4 ENVIRONMENT AND AGE OF EMPLACEMENT OF PLUTONIC COMPLEXES FROM THE SOUTHWESTERN MARGIN OF THE PENINSULAR RANGES BATHOLITH, BAJA CALIFORNIA, MÉXICO	Delgado-Argote Luis A., Peña-Alonso Tomás A., Weber Bodo, Molina-Garza Roberto, Böhnel Harald y Valencia Víctor	División Ciencias de la Tierra, CICESE, México
	12:20 – 12:40	S07-5 COMPARING TWO PLUTONS OF THE NUEVO ROSARITO PLUTONIC COMPLEX, SOUTHERN PENINSULAR RANGES BATHOLITH, BAJA CALIFORNIA, MÉXICO	Peña-Alonso Tomás A., Delgado-Argote Luis A. y Weber Bodo	División de Ciencias de la Tierra, CICESE, México
Lunch				
Session 8: Lithosphere-asthenosphere interactions, baby plumes and paleostress Chairs: Larissa Dobrzhinetskaya and Irina Artemieva				
Thu 25	14:00 – 14:30	S08-1 RECYCLING OF NITROGEN AND BORON INTO EARTH'S INTERIOR THROUGH DEEP SUBDUCTION	Dobrzhinetskaya Larissa, Wirth Richard, Yang Jingsui y Green Harry	University of California at Riverside, USA
Thu 25	14:30 – 14:50	S08-2 IN A SEARCH OF THE LITHOSPHERE-ASTHENOSPHERE BOUNDARY: A REVIEW	Artemieva Irina	Copenhagen University, Denmark
Thu 25	14:50 – 15:10	S08-3 THE ROLE OF FINGER-LIKE BABY PLUMES IN THE GENESIS OF MIOCENE-PLIOCENE ALKALIC BASALTIC VOLCANIC FIELDS FROM THE WESTERN PART OF THE CARPATHIAN – PANNONIAN REGION, CENTRAL EUROPE	Seghedi Ioan, Szakacs Alexandru, Kadosa Balogh y Pécskay Zoltán	Institute of Geodynamics, Romania
Thu 25	15:10 – 15:30	S08-4 MICROTECTONIC ANALYSIS OF THE NORTHERN SLOPE OF ANCESTRAL MOUNT BAO, PHILIPPINES	Lagmay Alfredo Mahar Francisco y Caranto Geoffrey	University of the Philippines, Philippines
Thu 25	15:30 – 15:50	S08-5 LATE CENOZOIC AND MODERN STRESS FIELDS IN THE WESTERN FARMS (IRAN)	Lacombe Olivier, Mouthereau Frédéric y Amrouch Khalid	Université Pierre et Marie Curie, Paris, France
Coffee break				
Session 9: Poster session 2				
Thu 25	16:30 – 17:30	S09-1 POSTER COMPOSITIONAL HETEROGENEITY OF THE CONTINENTAL UPPER MANTLE HIDDEN IN SEISMIC MODELS	Artemieva Irina	Copenhagen University, Denmark
Thu 25	16:30 – 17:30	S09-2 POSTER OBSERVATIONS OF SEISMIC ANISOTROPY IN THE GULF OF CALIFORNIA REGION AS EVIDENCE OF LITHOSPHERE-ASTHENOSPHERE INTERACTION	Obrebski Mathias y Castro Raúl	Institut de Physique du Globe de Paris, France
Thu 25	16:30 – 17:30	S09-3 POSTER SEISMIC ANISOTROPY OF THE CRUST AND UPPER MANTLE BENEATH EAST AFRICA FROM JOINT INVERSION OF SKS AND P RECEIVER FUNCTIONS	Obrebski Mathias, Kiselev Sergey, Montagner Jean-Paul y Vinnik Lev	Institut de Physique du Globe de Paris, France
Thu 25	16:30 – 17:30	S09-4 POSTER PERMIAN RHYOLITIC VOLCANISM IN THE SIRINIA BASIN (SE ROMANIA-EASTERN EUROPE) - VOLCANOLOGICAL FEATURES	Seghedi Ioan	Institute of Geodynamics, Romania
Thu 25	16:30 – 17:30	S09-5 POSTER ATTENUATION AND SEISMIC TOMOGRAPHY STUDIES IN THE TRES VIRGENES VOLCANIC AND GEOTHERMAL REGION, BAJA CALIFORNIA SUR, MÉXICO	Wong Victor	División de Ciencias de la Tierra, CICESE, México
Session 10: Basin processes and case studies Chairs: Magdalena Scheck-Wenderoth and Hans Thybo				
Fri 26	9:00 – 9:30	S10-1 THERMO-MECHANICAL MODELS FOR BASIN (DE)FORMATION	Cloetingh Sierd, van Wees Jan-Diederik y Beekman Fred	VU University, Netherlands
Fri 26	9:30 – 9:50	S10-2 INTRACRATONIC BASINS: ROLE OF MANTLE DYNAMICS AND METASOMATISM	Artemieva Irina	Copenhagen University, Denmark
Fri 26	9:50 – 10:10	S10-3 COMPARING DIFFERENT STYLES OF SEDIMENTARY BASINS IN THE BARENTS SEA	Faleide Jan Inge, Planke Sverre y Team PETROBAR	University of Oslo, Norway
Fri 26	10:10 – 10:30	S10-4 FLEXURE OF THE EURASIAN PLATE, LITHOSPHERIC BULGE AND DEVELOPMENT OF THE WESTERN FORELAND BASIN OF TAIWAN	Lacombe Olivier, Mouthereau Frederic y Tensi Julián	Université Pierre et Marie Curie, Paris, France
Fri 26	10:30 – 10:50	S10-5 THE SINU ACCRETIONARY PRISM (COLUMBIA) SHORTENING/GRAVITY TECTONICS INTERACTION PROCESSES FROM ANALOGUE MODELLING	Ellouz-Zimmermann Nadine, Deville Eric y Benguigui Amran	Institut Français du Pétrole, France
Fri 26	10:50 – 11:10	S10-6 "SOFT" OROGENIC COLLISION: WHAT DOES IT MEAN - THE CARPATHIANS EXAMPLE	Matenco Liviu, Krezsek Csaba, Merten Sandra, Schmid Stefan, Cloetingh Sierd y Andriessen Paul	VU University, Netherlands

Fri 26	Coffee break	
Fri 26	11:40 – 12:40	Panel discussion
	Lunch	