

## Preliminary program

<b>Monday 12. 9.</b>	
9:00 – 9:30	Opening ceremony
	<b>S7 - Geometry of radiolarian skeletons</b> Convener Atsushi MATSUOKA
9:30 – 10:00 key note	<u>Atsushi Matsuoka</u> , Takashi Yoshino, Katsunori Kimoto & Naoko Kishimoto EVOLUTION OF THE MESOZOIC FAMILY PANTANELLIIDAE AND ITS MORPHOLOGICAL FEATURES
10:00 – 10:20	<u>Takashi Yoshino</u> , Atsushi Matsuoka, Katsunori Kimoto & Naoko Kishimoto GEOMETRICAL VARIATIONS OF SKELETAL STRUCTURES OF GENUS <i>PANTANELLIUM</i>
10:20 – 10:45	Coffee Break
10:45 – 11:00	<b>S1 – Taxonomy, biostratigraphy and evolution of Paleozoic radiolarians.</b> <b>In memory of Martial CARIDROIT (1957–2019)</b> Conveners Taniel DANELIAN and Paula NOBLE
11:00 – 11:30 key note	<u>Taniel Danelian</u> & Claude Monnet MACROEVOLUTIONARY DYNAMICS IN EARLY PALEOZOIC RADIOLARIA
11:30 – 11:50	<u>Jiani Sheng</u> & Jonathan C. Aitchison MIDDLE AND UPPER CAMBRIAN RADIOLARIAN ASSEMBLAGES FROM THE GEORGINA BASIN, AUSTRALIA
11:50 – 12:10	<u>Rie S. Hori</u> , Junpei Kawamura & Teppei Tamura SILURIAN RADIOLARIAN FOSSILS FROM THE TYPE AREA OF KUROSEGAWA TECTONIC ZONE, SHIKOKU-SEIYO GEOPARK, JAPAN
12:10 – 12:30	<u>Galina P. Nestell</u> & Merlynd K. Nestell RADIOLARIANS FROM AN UPPER KASIMOVIAN (PENNSYLVANIAN) LAKE BRIDGEPORT SHALE REGRESSIVE SEQUENCE (GRAFORD FORMATION, CANYON GROUP), NORTH-CENTRAL TEXAS, USA
12:30 – 14:30	Lunch Break
14:30 – 14:40	<b>S2 – Taxonomy, biostratigraphy and paleoecology of Mesozoic radiolarians.</b> <b>In memory of Elspeth URQUHART (1949–2019)</b> Convener Rie S. HORI
14:40 – 15:00	<u>Peter O. Baumgartner</u> , Xin Li & Atsushi Matsuoka MORPHOLOGIC FEATURES AND EVOLUTION OF JURASSIC-CRETACEOUS AUSTRAL RADIOLARIA
15:00 – 15:20	<u>Péter Ozsvárt</u> LATE ANISIAN (ILLYRIAN) RADIOLARIANS FROM THE DOLOMITES, SOUTHERN ALPS, ITALY
15:20 – 15:40	<u>Yuki Tomimatsu</u> , Tetsuji Onoue & Manuel Rigo HIGH-RESOLUTION RADIOLARIAN AND CONODONT BIOSTRATIGRAPHY OF THE UPPER TRIASSIC AND ACROSS THE TRIASSIC-JURASSIC BOUNDARY IN THE INUYAMA AREA, CENTRAL JAPAN
15:40 – 16:10	Coffee Break

16:10 – 16:30	<u>Tetsuji Onoue</u> , Yuki Tomimatsu, Honami Sato & Manuel Rigo RADIOLARIAN RESPONSES TO THE NORIAN "CHAOTIC CARBON EPISODE" IN THE PANTHALASSA
16:30 – 16:50	<u>Tim Cifer</u> , Špela Goričan & Hans-Jürgen Gawlick RADIOLARIAN PALEOECOLOGY ACROSS THE SINEMURIAN–PLIENSCHACHIAN TRANSITION AT MT. RETTENSTEIN (NORTHERN CALCAREOUS ALPS, AUSTRIA)
16:50 – 18:00	poster session
18:00 –	sessions of Paleozoic and Mesozoic working groups

<b>Tuesday 13. 9.</b>	
9:00 – 9:10	<b>S3 - Taxonomy, biostratigraphy and paleoecology of Cenozoic radiolarians</b> <b>Special session in memory of William R. RIEDEL (1927–2020)</b> convener David LAZARUS
9:10 – 9:30	<u>Peter O. Baumgartner</u> , Claudia Baumgartner-Mora, Daniel Rincón Martínez & Sandra M. Restrepo Acevedo LATE CRETACEOUS AND PALEOCENE RADIOLARIA FROM THE SAN JACINTO FOLD BELT, NORTHEAST COLOMBIA
9:30 – 9:50	<u>Mathias Meunier</u> & Taniel Danelian PROGRESS IN MIDDLE EOCENE RADIOLARIAN BIOSTRATIGRAPHY AND PALEOBIODIVERSITY; NEW INSIGHTS FROM THE EQUATORIAL ATLANTIC
9:50 – 10:10	Gayane Asatryan, Johan Renaudie & David Lazarus NEW UNDERSTANDING OF THE EOCENE-OLIGOCENE SOUTHERN OCEAN RADIOLARIAN FAUNAL CHANGES
10:10 – 10:30	<u>Akihide Kikukawa</u> , Yoshiaki Aita & Nobuhiro Kotake RADIOLARIAN AND DIATOM FOSSILS FROM INFILL OF TRACE FOSSIL <i>TASSELIA ORDAMENSIS</i> FROM THE OLIGOCENE AND MIOCENE DEEP-SEA SEDIMENTARY ROCKS IN JAPAN
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 11:20	<u>Paulian Dumitrica</u> ON THE STATUS OF <i>SATURNULUS PLANETA</i> HAECKEL 1879, A <i>NOMEN OBLITUM</i> RADIOLARIAN SPECIES ILLEGALLY REINTRODUCED IN LITERATURE BY SUZUKI <i>IN</i> SUZUKI ET AL. (2021), AND THE CATASTROPHIC CONSEQUENCES OF THIS ACT FOR THE STABILITY OF THE TAXONOMY OF SATURNALID RADIOLARIA
11:20 – 11:40	<u>Dave Lazarus</u> , Nori Suzuki, Jeremy Young, Jean Pierre Caulet & Johan Renaudie RADIOLARIA@MIKROTAX: A PROGRESS REPORT ON PUTTING A SYNTHESIS OF CENOZOIC RADIOLARIAN TAXONOMIC DATABASES ONLINE
11:40 – 12:00	<u>Veronica Carlsson</u> , Taniel Danelian, Pierre Boulet, Philippe Devienne, Aurelien Laforge & Johan Renaudie A SIMPLE CNN APPROACH FOR AUTOMATIC CLASSIFICATION OF EIGHT CLOSELY RELATED SPECIES OF THE MIDDLE EOCENE GENUS <i>PODOCYRTIS</i>
12:00 – 12:20	<u>Martin Tetard</u> , Ross Marchant, Giuseppe Cortese, Yves Gally, Thibault de Garidel-Thoron & Luc Beaufort A NEW AUTOMATED RADIOLARIAN IMAGE ACQUISITION, STACKING, PROCESSING, SEGMENTATION AND IDENTIFICATION WORKFLOW

12:20 – 14:00	<b>Lunch Break</b>
	<b>S6 – Radiolarians in contemporary ecosystems</b> Conveners Tristan BIARD and Fabrice NOT
14:00 – 14:20	<u>Miguel M. Sandin</u> , Johan Renaudie, Noritoshi Suzuki & Fabrice Not RADIOLARIA DIVERSITY, ECOLOGY AND EVOLUTION: AN INTEGRATIVE APPROACH
14:20 – 14:40	<u>Iris Rizos</u> , Sarah Romac, Lucie Bittner & Fabrice Not INSIGHTS INTO THE LIFE CYCLE OF EXTANT RADIOLARIA
14:40 – 15:00	<u>Manon Laget</u> , Natalia Llopis-Monferrer, Jean-François Maguer, Aude Leynaert & Tristan Biard ELEMENTAL MASS OF MODERN RHIZARIA: FROM CELLULAR SCALE TO GLOBAL BIOGEOCHEMICAL CYCLES
15:00 – 15:20	<u>Joost Samir Mansour</u> , Johan Decelle, Charlotte Lekieffre, Benoit Gallet, Sophie Le Panse & Fabrice Not CARBON AND NITROGEN UPTAKE AND TRANSLOCATION BETWEEN THE SINGLE CELL MARINE PROTIST ACANTHARIA AND THEIR SYMBIONTS
15:20 – 15:50	<b>Coffee Break</b>
15:50 – 16:10	<u>Natalia Llopis Monferrer</u> , Colleen Durkin, Steven Haddock & Fabrice Not Si-ORHIGENS Project: Unravelling the Silicification prOcess in RHIZaria through GENetics and Skeletal growth
16:10 – 16:30	<u>Marie Cueille</u> , Taniel Danelian, Koen Sabbe, Elisavet Skampa, Maria Triantaphyllou & Alexandra Gogou POLYCYSTINE RADIOLARIANS OFF SOUTH-WESTERN CRETE (EASTERN MEDITERRANEAN) AND THEIR SEASONAL FLUXES DURING 2005-06: ENVIRONMENTAL DRIVERS AND COMPARISON WITH COCCOLITHOPHORE EXPORT
16:30 – 16:50	<u>Johan Renaudie</u> , David Lazarus, Volkan Özen, Gabrielle Rodrigues De Faria & Sarah Trubovitz A 'BIG DATA' LOOK AT THE IMPACT OF CLIMATE ON FOSSIL PLANKTON BIODIVERSITY, WITH A PROJECTION FOR FUTURE CLIMATE CHANGE
16:50 – 17:10	<u>Rie S. Hori</u> and Teams of Living Radiolarian study at Ehime University A MOVIE OF LIVING RADIOLARIA FROM SURFACE SEAWATER OF THE KUROSHIO CURRENT NEAR JAPAN FOR EDUCATION AND FUTURE STUDY VER. 2
17:10 –	poster session and Cenozoic/Recent Working Group session
19:00 –	<b>Dinner</b>

**Wednesday 14. 9. | Fieldtrips B1 (Classical Karst) and B2 (Julian Alps)**

<b>Thursday 15. 9.</b>	
	<b>S4 - Radiolarians from mountain belts and past oceans – records of climate history</b> <b>Joint session with IGCP 710: Western Tethys meets Eastern Tethys</b> Conveners Peter O. BAUMGARTNER and NEVENKA ĐERIĆ
9:00 – 9:30 key note	<u>Peter O. Baumgartner</u> , Xin Li, Christian V��rard & Atsushi Matsuoka NEOTETHYAN, SUBTROPICAL GYRE AND AUSTRAL RADIOLARIA – TRACERS FOR PANGEA BREAKUP AND CLIMATE CHANGE OF THE JURASSIC-CRETACEOUS TRANSITION
9:30 – 9:50	<u>Hans-J��rgen Gawlick</u> TRIASSIC-JURASSIC RADIOLARITE EVENTS IN THE WESTERN TETHYS REALM – REASONS?, CONTROLLING FACTORS?
9:50 – 10:10	<u>Nevenka Djeri��</u> , Hans-J��rgen Gawlick & ��pela Gori��an NEW AGE DATA ON THE OPHIOLITES FROM THE CENTRAL SERBIA: IMPLICATION FOR THE JURASSIC EVOLUTION OF THE VARDAR OCEAN
10:10 – 10:40	<b>Coffee Break</b>
10:40 – 11:00	<u>Duje Kuko��</u> , Damir Slovenec, Matija Vukovski, Duje Smir��i��, Mirko Belak, Ton��i Grgasovi�� & Dra��zen Japund��i�� RADIOLARIAN DATING OF THE EVOLUTION OF THE NEOTETHYS OCEAN AT THE JUNCTION OF THE SOUTHERN ALPS AND THE DINARIDES (NW CROATIA)
11:00 – 11:20	<u>Marco Chiari</u> , Emilio Sacconi, ��pela Gori��an, Michele Marroni, Luca Pandolfi, Morteza Delavari, Asghar Dolati, Tahmineh Pirnia, Godhrat Torabi & Edoardo Barbero RADIOLARIAN BIOSTRATIGRAPHY AND GEOCHEMISTRY OF THE OPHIOLITES FROM MAKRAN AND NAIN-ASHIN (IRAN): A SYNTHESIS
11:20 – 11:40	<u>Goran Andji��</u> , Renjie Zhou <sup>2</sup> , David M. Buchs, Jonathan Aitchison & Jianxin Zhao DETERMINING THE AGE AND TECTONIC EVOLUTION OF THE OCEANIC CRUST USING CALCITE U-PB GEOCHRONOLOGY AND RADIOLARIAN BIOSTRATIGRAPHY
11:40 – 14:00	<b>Lunch Break</b>
14:00 –	Business meeting
	Closing ceremony

### List of posters:

Session	Authors	Title
S1	<u>Tea Kolar-Jurkov��ek</u> , Marina S. Afanasieva, Aleksander S. Alekseev, Yury A. Gatovsky, Carlos Mart��nez-P��rez & Bogdan Jurkov��ek	A recovery of the oldest Albaillellaria finding in Central Europe
S2	Marta Ba��k & <u>Krzysztof Ba��k</u>	Correlation of Albian-Cenomanian radiolarian and foraminiferal datum events with new chemostratigraphic ( $\delta^{13}C_{org}$ ) data from a reference section in the Outer Carpathians

S2	Dario Ferrari, <u>Marco Chiari</u> , Luca Bachechi & Enrico Pandeli	Radiolarian dating of the chert used in lithic tools assemblages from "Artofago cave" (Italy)
S2	<u>Paulian Dumitrica</u>	New Middle Triassic bell-shaped Nassellaria
S2	<u>Konan Suwazono</u> , Yuki Tomimatsu, Shun Muto & Tetsuji Onoue	Radiolarian biostratigraphy and recovery from ocean anoxic event during Early-Middle Triassic: Chichibu Belt, Japan
S2	<u>Qiangwang Wu</u> , Angela Bertinelli, Alda Nicora, Umberto Susta, Manuel Altieri & Manuel Rigo	Biostratigraphic record of the upper Carnian radiolarians from the Pizzo Mondello section (western Sicily, Italy)
S3	Sarah Trubovitz, David Lazarus, Johan Renaudie & <u>Paula J. Noble</u>	Radiolarians show threshold extinction response to late Neogene climate change
S3	Sarah Trubovitz, Johan Renaudie, <u>David Lazarus</u> & Paula J. Noble	New species of late Neogene Lophophaenidae (Nassellaria, Radiolaria) from the eastern equatorial Pacific
S3	<u>Johan Renaudie</u> , Nichole A. Anest & David Lazarus	The Lamont radiolarian and diatom slides collection
S4	<u>Marta Bąk</u> & Krzysztof Bąk	Radiolarian and foraminiferal response on environmental perturbation induced by climate change recorded in uppermost Albian to upper Cenomanian Oceanic Anoxic Events
S4	<u>Marco Chiari</u> , Luca Mordini, Adonis Photiades & Emilio Saccani	Radiolarian biostratigraphy and geochemistry of basalt-chert associations in the ophiolites of the Ypaton area (Greece)
S4	<u>Nevenka Džerić</u> , Hans-Jürgen Gawlick & Špela Goričan	Radiolarian biostratigraphy and microfacies of Upper Triassic radiolarites from central and western Serbia
S4	Marína Molčan Matejová	Triassic and Jurassic radiolarians from the Meliata Ocean – preliminary results
S7	<u>Atsushi Matsuoka</u> , Yuta Tomita, Hayato Yokoyama & Tsuyoshi Ito	Radiolarians and related items for outreach activities