

11TH INTERNATIONAL CRETACEOUS SYMPOSIUM Warsaw, Poland, 2022

August 22-26

200th Anniversary of the Cretaceous System



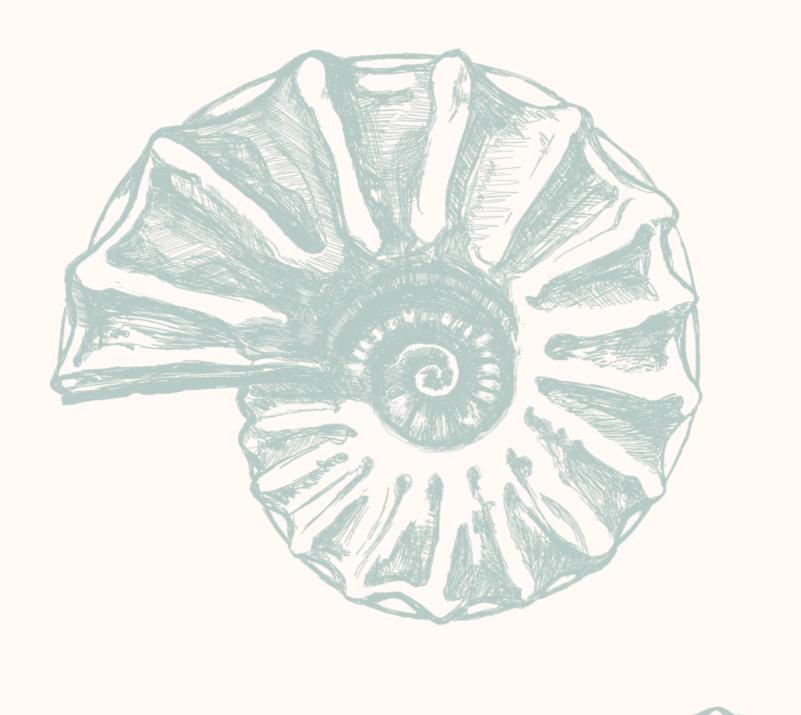
2nd Circular



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Dear Colleagues,

We stand in solidarity with our co-workers, our colleagues, our friends, and the entire Ukrainian Nation in their heroic defense of their country against Russian invasion. We earnestly hope for peace, and that we will be able to celebrate their liberation soon.

It is our pleasure to announce that the registration and abstract submission portals of the 11th International Cretaceous Symposium (11th ICS), to be held in Warsaw, Poland from August 22 to 26 (with pre-conference field-trips, August 18-21, and post-conference field-trips, August 27-29), have opened.

We encourage you to proceed to the Symposium website to register, submit abstracts, select sessions, and sign up for field excursions.

Please look at the revised scientific session program. Note that the program has not been finalized, and that new session proposals will be carefully considered: we welcome suggestions of additional sessions [and workshops] if you find the topic worthy of coverage during the Symposium.

At the present time, we anticipate the Symposium will be a *mostly* in-person event. However, an online live streaming service will be offered to those unable to travel to Warsaw, but willing to join us. We are also aware that, because of the current geopolitical situation, some of the present plans may need to be modified; if necessary, we will provide updates ina timely fashion.

The final program of the Symposium will be published in early July.

With kind regards,

Ireneusz Walaszczyk, Jacek Grabowski, Agata Jurkowska, Piotr Krzywiec, Marcin Machalski, Zbigniew Remin, Jordan Todes, Alfred Uchman and Jurand Wojewoda

on behalf of the organizers



IMPORTANT DATES

Abstract submission deadline: Early Bird Fees deadline: 3rd circular with detailed programme

MEETING CALENDAR

Detailed programme and timetable will be provided in the third circular and at the symposium website

PRE-SYMPOSIUM FIELD TRIPS: 19-21st of August, 2022:

Detailed informations on particular field trips will be sent out to all registered for the trips.





15 th May 2022	 		 	
c. 15 th July 2022	 	• • • •	 t	e

POST-SYMPOSIUM FIELD TRIPS 27-29th of August, 2022

Detailed informations on particular field trips will be sent out to all participants registered for the trips.

INOCERAMID WORKSHOP

Details to follow

WORKSHOP ON DINOFLAGELLATE CYSTS 27-29th of August, 2022

ECEG Venue in Chęciny; Detailed informations will be sent out to all participants registered for the workshop

GOLDEN NAIL CEREMONY IN THE SALZGITTER-SALDER SECTION (Germany)

The boundary stratotype of the base of the Coniacian Stage: details to follow.

ICEBREAKER PARTY

This event is free for all participants and for accompanying persons. It is planned for 22nd of August and starts at 19:00, at the University New Library.

CONFERENCE DINNER

This event is free for all participants and for accompanying persons. It is planned for Wednesday, 25th of August, 2022, and starts at 19:00, at the Museum Hall of the Polish Geological Institute

22-26th of August, 2022

Sunday, 21st of August:

Monday, 22nd of August:

Tuesday, 23rd of August:

Wednesday, 24th of August:

Thursday, 25th of August:

Friday, 26th of August:

Registration (15.00-20.00); University New Library Meeting of the Kilian Group; University New Library

Registration (7:00-9:30); University New Library Opening ceremony (10.00); University Old Library Oral and poster plenary sessions Icebreaker party; University New Library

Oral and poster plenary sessions; University New Library;

Oral and poster plenary sessions; University New Library; Conference Dinner; Museum Hall of the Polish Geological Institute

Oral and poster plenary sessions; University New Library;

Oral and poster plenary sesions; University New Library;

Closing ceremony; University New Library;

SCIENTIFIC SESSIONS



As listed below, the scientific sessions of the Symposium encompass a broad variety of topics linked to the Cretaceous, including – but not limited to – the history of the Cretaceous System, palaeontology and palaeobiology palaeobiogeo-graphy, palaeoenvironments, stratigraphy, geophysics and geodynamics, regional geology, and mineral resources.

The session list may yet be modified prior to the publication

of the final program. We still welcome new and/or modified session and workshop proposals from conference attendees, scientific commissions, organisations, industry partners,

and other relevant bodies. We strongly encourage you to contact us regarding topical session and workshop proposals that are not yet included in the symposium program.

S1

200th Anniversary of the Cretaceous System

Maria Rose Petrizzo, Michael Wagreich, Irenuesz Walaszczyk

S2

Global Boundary Stratotype Sections and Points (GSSPs) of the Cretaceous System

Maria Rose Petrizzo

S3

Cretaceous geochemistry and global change: open session

Michael Wagreich

S4 Cretaceous chemostratigraphy

Ian Jarvis Jordan Todes Silke Voigt



Cretaceous geochronology, timescales, astrochronology and cyclostratigraphy

Andy Gale Brad Sageman



Cretaceous invertebrate palaeontology: open session

Martin Kostak Frank Wiese



Cephalopod palaeobiologyand stratigraphy

Neil Landman Marcin Machalski

S8

Lower Cretaceous ammonites (Kilian Group meeting)

Stephane Reboulet

Sg Cretaceous vertebrates: open session

Ashu Khosla



Cretaceous micropalaeontology

Bruno Granier Danuta Peryt Malcolm Hart Nick Thibault

S11 Cretaceous palynology

Mariusz Niechwedowicz



Palaeobotany and terrestrial palaeoenvironments

Martin Kostak Frank Wiese Maria Rose Petrizzo

S13 Cretaceous Fossil-Lagerstätten

Marcin Machalski Markus Wilmsen

S14

Cretaceous–Paleogene boundary and events

John Jagt Marcin Machalski

S15 In memory of Professor Lamolda: Biostratigraphy and environmental change in the Cretaceous

Mihaela Melinte Florentin Maurrasse

S16

Cretaceous palaeoenvironment, palaeoclimate and palaeoceanography

Brian Huber Maria Rose Petrizzo

S17

Cretaceous marine and non-marine plankton

Jakub Witkowski

S18

Cretaceous tectonics and syn-tectonic sedimentation

Christian Hübscher Piotr Krzywiec





Cretaceous regional geology:

open session





Geodynamics of the Cretaceous basins and sedimentary record

Jurand Wojewoda



Cretaceous Geoparks and World Heritage



ABSTRACT SUBMISSIONS

ABSTRACT TIMETABLE

Abstract submission portal opens:	1 st March 2022
Abstract submission deadline is:	
Notification of acceptance will be sent out before:	15 th May 2022

ABSTRACT GUIDELINES

The abstracts will be published in a separate Symposium Abstract Volume, which will be available online (on the Symposium website) and provided to participants on USB drives.

The abstract, including title, authors, authors' affiliations, text, and references, must not exceed 500 words. No figures, tables, or graphs are permitted.

For in-text citation: no comma after authors' names:use 'and' in two-author and 'et al.' in multi-author references.

Formatting is limited to *italics* (taxonomic genera and species,

or for emphasis), superscripts or subscripts, and common special characters (e.g., isotope nomenclature such as $\delta^{_{18}}O$ or δ^{13} C).

By abstract submission, please indicate your preferred form of presentation (talk or poster), and in case of talks, your preferred session [in left-upper corner; e.g., 'talk_S12' or 'poster'].

The organizers reserve the right to changes. ECEG Venue in Checiny; Detailed informations will be sent out to all registered for the workshop

REFERENCE FORMAT

Journals: Trammer, J. 1989. Middle to Upper Oxfordian sponges of the Polish Jura. Acta Geologica Polonica, 39, 49–91.

Books: Wilson, J.L. 1975. Carbonate facies in geologic history, 471 p. Springer; Berlin – Heidelberg.

Book chapters:

Mallet, J. 1996. The genetics of biological diversity: from varieties to species. In: Gaston, K.J. (Ed.), Biodiversity. A biology of numbers and difference, pp. 13–47. Blackwell Science; Oxford.

Hancock, J.M. 1993. Transatlantic correlation in the Campanian-Maastrichtian Stages by eustatic changes of sea-level. In: Hailwood, E.A. and Kidd, R.B. (Eds), High resolution stratigraphy. Geological Society Special Publication, 70, 241–256.

Symposium volumes:

Odin, G.S. 1984. Geochronology of the Jurassic time: status in 1984. In: Michelsen, O. and Zeiss, O. (Eds), International Symposium on Jurassic Stratigraphy, pp. 767–776. Copenhagen.

REGISTRATION FEES

Registration fees	Early Bird (until 15.05.2022)	Late registration (until 01.08.2022)	Onsite/Late registration (from 02.08.2022)
Regular (includes abstract volume, icebreaker, conference dinner, coffeebreaks, lunches)	1700	2150	2400
Student* (includes abstract volume, icebreaker, conference dinner, coffeebreaks, lunches)	1000	1400	2000
Accompanying Person (includes abstract volume, icebreaker, conference dinner, coffeebreaks, lunches)	1000	1400	1500
Online (includes abstract volume icebreaker, conference dinner, coffeebreaks, lunches)	480	480	480

* Student status applies if you are enrolled at a university and have not yet received your PhD or Doctorate at the time of registration. Please e-mail your valid Student ID card, or any other official document which confirms your student status to the Symposium address: 11cretaceous.symposium@uw.edu.pl

FIELD TRIPS REGISTRATION FEES

Pre-Symposium

Late Cretaceous Geodynamics of in the sedimentary record:

From shallow- to deep-marine C Tethys – record of diversification the Polish Carpathians

Tracing biogeochemical Si-cycle environment. Geological record a Cretaceous of the Miechów Troug

Turonian-Coniacian of the Opole

Palaeontological and geological

Post-Symposium

The end of an Era: record of envir and events across the Cretaceous Poland:

The Cretaceous of the North Sudeti Poland): stratigraphy,orgin and ecor

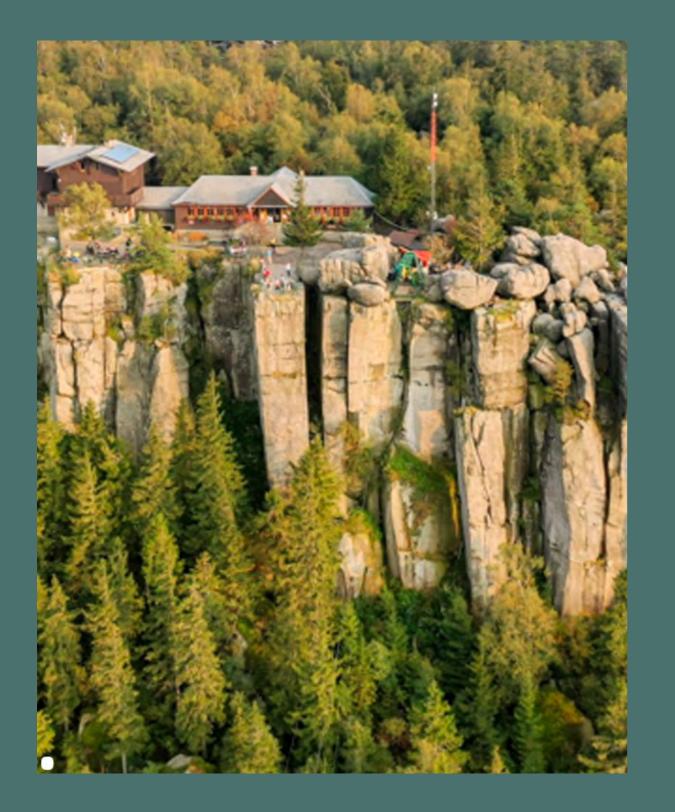
Cross border, cross boundary: explo transition in the western Carpathians

Cretaceous deep-sea facies, stratig Carpathians and the Pieniny Klipper

Late Cretaceous inversion of the tional tectonics, facies distribution

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in Late Cretaceous marin and petrology of the Upp gh (southern Poland): 110	er
Cretaceous : 23	30 pln
collections in Warsaw	50 pln
ronments, biotic commur s – Paleogene boundary 110	
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Polish Basin – syn-depos n and bathymetric chang 170	

CONFERENCE EXCURSIONS



PRE-CONFERENCE EXCURSION (3 DAYS)

Late Cretaceous Geodynamics of the Sudetes area in the sedimentary record

The northern periphery of the Bohemian Massif, including the Sudetes, is characterized by (1) local variation in the timing of marine transgression in response to dramatic differences in the underlying geological substrate and topography, (2) a large range of lithologic variation within the Cretaceous sediments, and (3) a clear sedimentary record of syndepositional geodynamic activity. During the Cretaceous, this area was divided into several sub-basins with well-defined tectonic frames, often with pull-apart structures driven by the regional strike-slip dextral geodynamic regime dominant throughout its post-Variscan history. The Cretaceous deposits in the Sudetes represent an excellent example of the interaction of global, regional, and local processes on sedimentation.

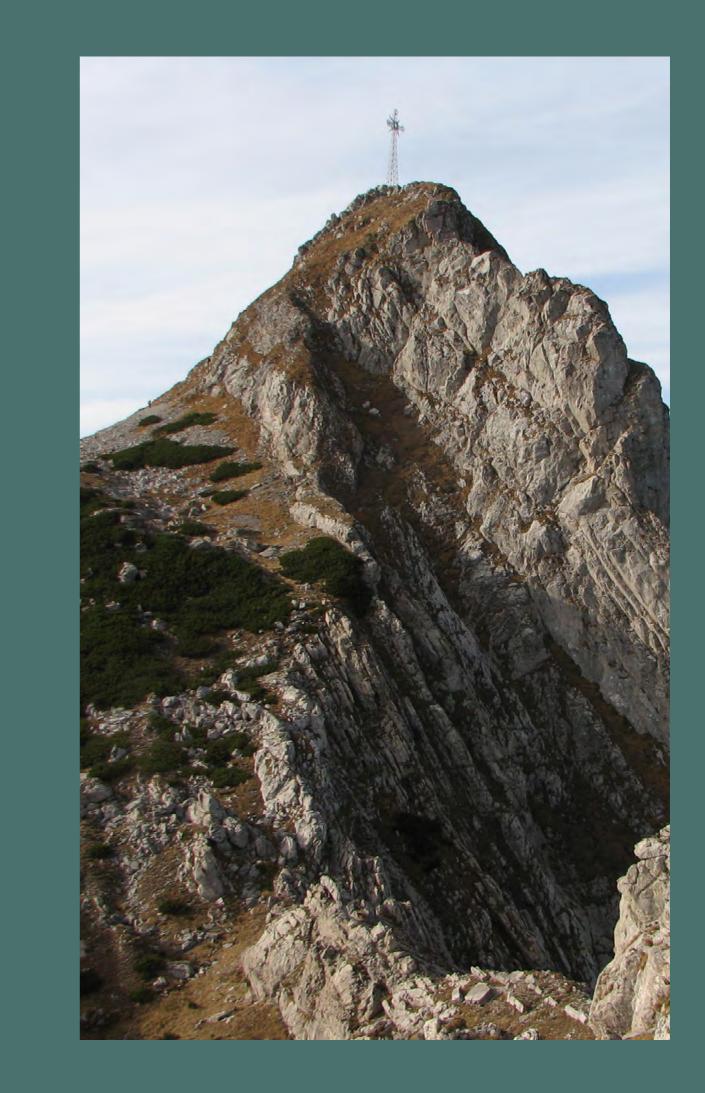
Led by Jurand Wojewoda, Alina Chrząstek and Stanisław Leszczyński.

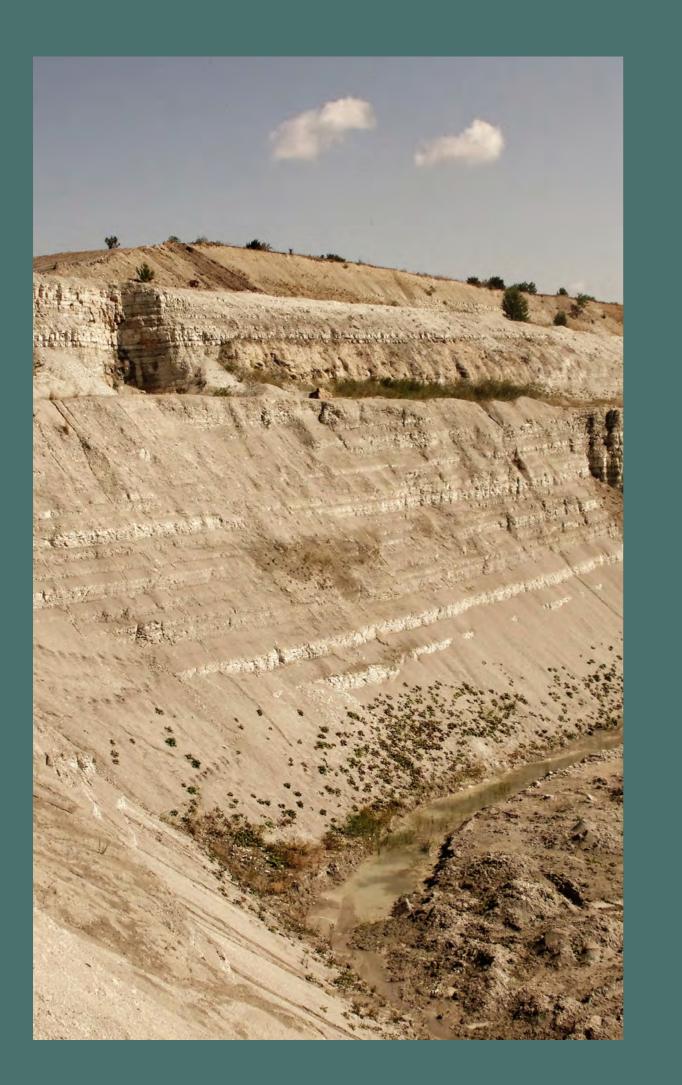
PRE-CONFERENCE EXCURSION (3 DAYS)

From shallow – to deep-marine Cretaceous of the northern Tethys – record of diversification of the Alpine system in the Polish Carpathians

The field trip aims to explore the Cretaceous sediments of the Western Carpathians, deposited in variegated tectonic settings: from pelagic and carbonate platform in the uppermost Jurassic/ Lower Cretaceous to synorogenic marls and clastics in the Upper Cretaceous. You will see the beautiful landscapes of the southernmost tip of Poland with Alpine-type mountains, picturesque klippen and alps.

Led by: Krzysztof Bąk, Marta Bąk, Jacek Grabowski, Jan Hejnar, Jolanta Iwańczuk, Michał Krobicki, Damian Lodowski, Alfred Uchman





PRE-CONFERENCE EXCURSION (2 DAYS)

Turonian-Coniacian of the Opole Cretaceous.

This field trip will lead participants to the enormous Folwark quarry in Opole, where almost the entire so-called "Opole Cretaceous" is well-exposed. These strata – largely marls and chalks – are characterized by a rich, diverse paleontological and ichnological record: there are numerous representatives of ammonites, inoceramid and other bivalves, echinoids, sponges and other invertebrate groups, to a lesser extent, vertebrates (fish, sharks, and reptiles). The biostratigraphical scheme relies on calcareous nannoplankton, inoceramids, and ammonites.

Led by Elena Yazykova, Mariusz Kędzierski, Jordan Todes and Dawid Mazurek.

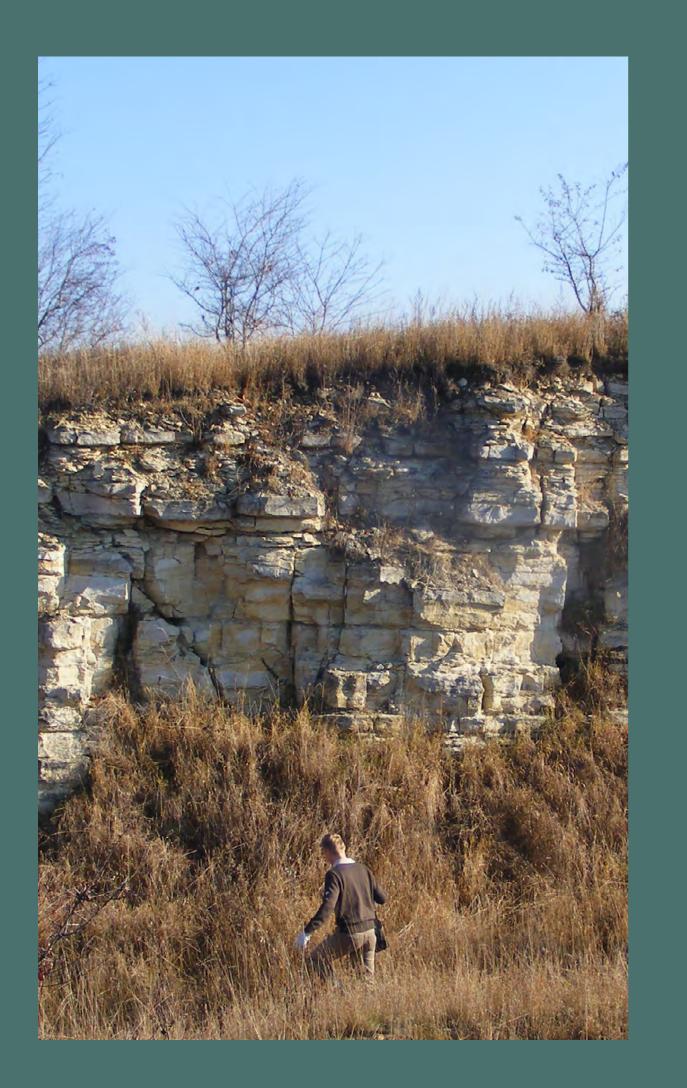
PRE-CONFERENCE EXCURSION (1 DAY)

Palaeontological and geological collections in Warsaw.

You will have the opportunity to see the rich collections of the Geological Museum of the Polish Geological Survey, and the two museums of the Polish Academy of Sciences: the Museum of Evolution and the Museum of the Earth, while touring the bustling center of Warsaw.

Led by Izabela Ploch and Tomasz Szczygielski.





PRE-CONFERENCE EXCURSION (2 DAYS)

Tracing biogeochemical Si-cycle in Late Cretaceous marine environment. Geological record and petrology of the Upper Cretaceous of the Miechów Trough (southern Poland)

We would like to offer an exciting field trip across the Upper Cretaceous succession of the Miechów Synclinorium. The trip starts and finishes in Warsaw and includes an overnight stay in the European Center for Geological Education.

https://www.eceg.uw.edu.pl/en/

The trip will focus on siliceous-carbonate rocks and the biogeochemical Si cycle in marine environments.

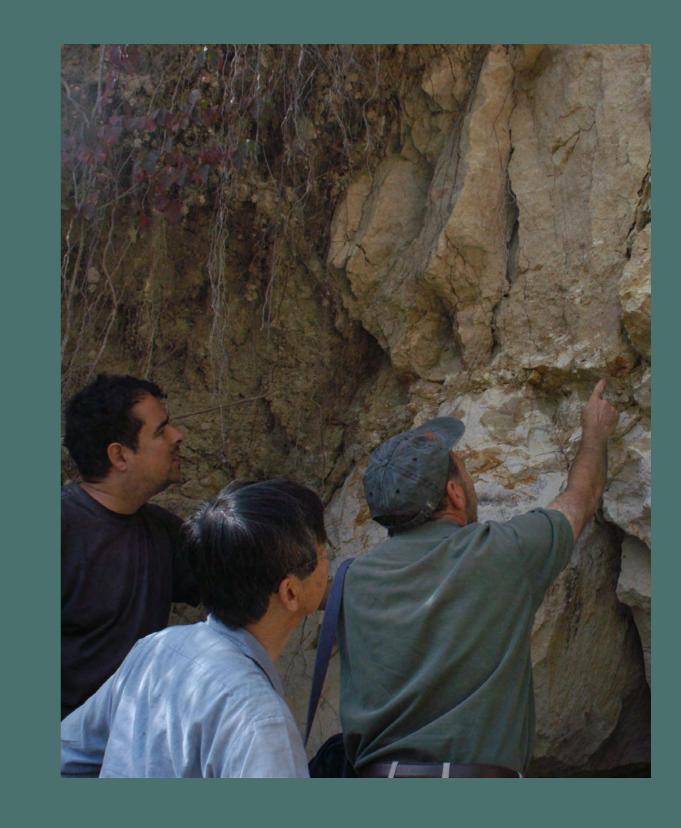
Led by Agata Jurkowska, Ewa Świerczewska-Gładysz and Aleksandra Kasztelewicz

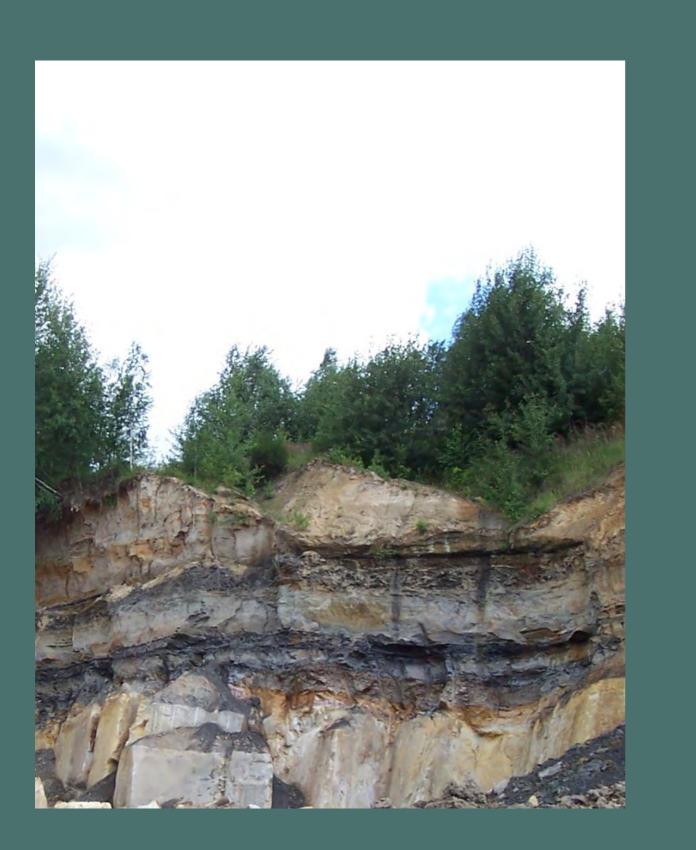
POST-CONFERENCE EXCURSION (2 DAYS)

The end of an Era: record of environments, biotic communities and events across the Cretaceous-Paleogene boundary in Poland

We shall be guiding you to the most important localities in central and eastern Poland that record the environments, biotic communities and events just prior to and across the Cretaceous-Paleogene (K-Pg) boundary. This trip will include the classic localities near Kazimierz Dolny, in the Middle Vistula River section, as well as a section near Chełm with the K-Pg iridium anomaly. We shall also pay a visit to a regional museum at Kazimierz Dolny with a collection of late Cretaceous fossils.

Led by Marcin Machalski, Danuta Olszewska-Nejbert and Ewa Świerczewska-Gładysz.





POST-CONFERENCE EXCURSION (2 DAYS)

The Cretaceous of the North Sudetic **Synclinorium** (southwestern Poland): stratigraphy, origin and economic importance.

This trip will focus on the facies and sedimentary development of the CenomanianSantonian shallow marine to terrestrial deposits of the North Sudetic Synclinorium (some 400 km southwest of Warsaw), which record a sedimentary basin (the North Sudetic Basin) that formed in the mid- Cretaceous at the northern margin of the Bohemian Massif. The North Sudetic Basin constituted a southeastern extension of the East Brandenburg Basin and was, at least temporarily, connected by a (supposed) strait with the adjacent Intra-Sudetic Basin and - further to the south -the Bohemian Basin: accordingly, it linked the Tethyan and Boreal realms. Depositional processes, systems, and environments, and the factors controlling sedimentation in this basin, will be discussed. The economic importance of the deposits - as building stones, glass sandstones, and ceramic clays - will also be examined.

Led by: Stanisław Leszczyński, Alina Chrząstek, Wojciech Nemec and Jurand Wojewoda.

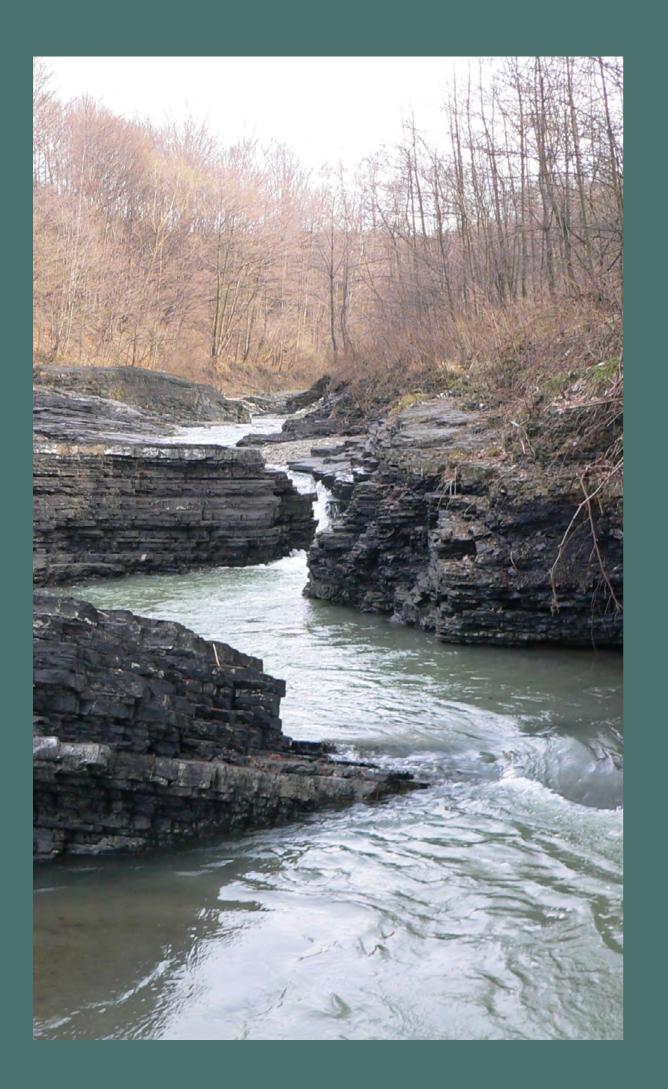
POST-CONFERENCE EXCURSION (3 DAYS)

Cross border, cross boundary: exploring the Jurassic-Cretaceous transition in the western Carpathians.

We are exploring the possibility of offering an exciting field trip across the Western Carpathians, starting in Warsaw and ending in Budapest, primarily for those delegates who wish to attend both the Cretaceous Symposium and the Jurassic Symposium [which will take place the week after the Cretaceous Symposium]. Organized jointly with Polish and Slovak colleagues, a special focus will be placed on the Jurassic-Cretaceous transition.

Led by: Jacek Grabowski, Damian Lodowski, Kamil Fekete, Josef Michalik, Daniela Rehakova, Istvan Fozy, Ottilia Szives





POST-CONFERENCE EXCURSION (2 DAYS)

Cretaceous deep-sea facies, stratigraphy, and ichnology in the Flysch Carpathians and the Pieniny Klippen Belt.

The excursion will lead through selected outcrops of Cretaceous deposits in the western and middle part of the Polish Flysch Carpathians. Variable facies, problems of stratigraphy and ichnology of the most important lithostratigraphic units in the Silesian, Subsilesian and Magura nappes will be presented.

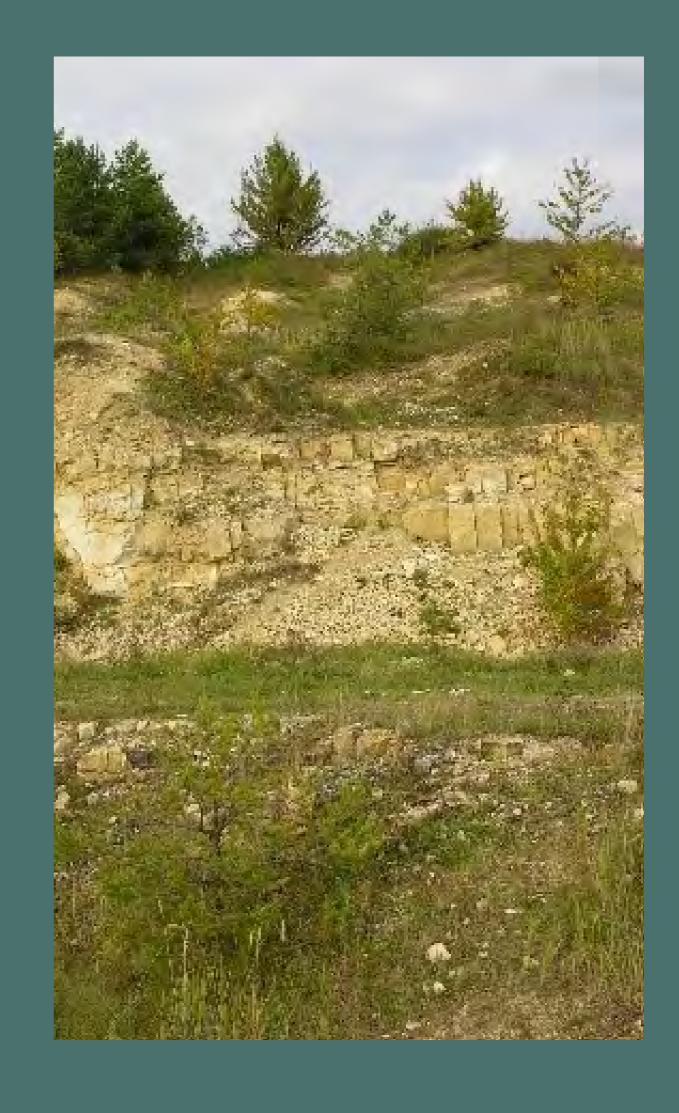
Led by Alfred Uchman and collaborators.

POST-CONFERENCE EXCURSION (3 DAYS)

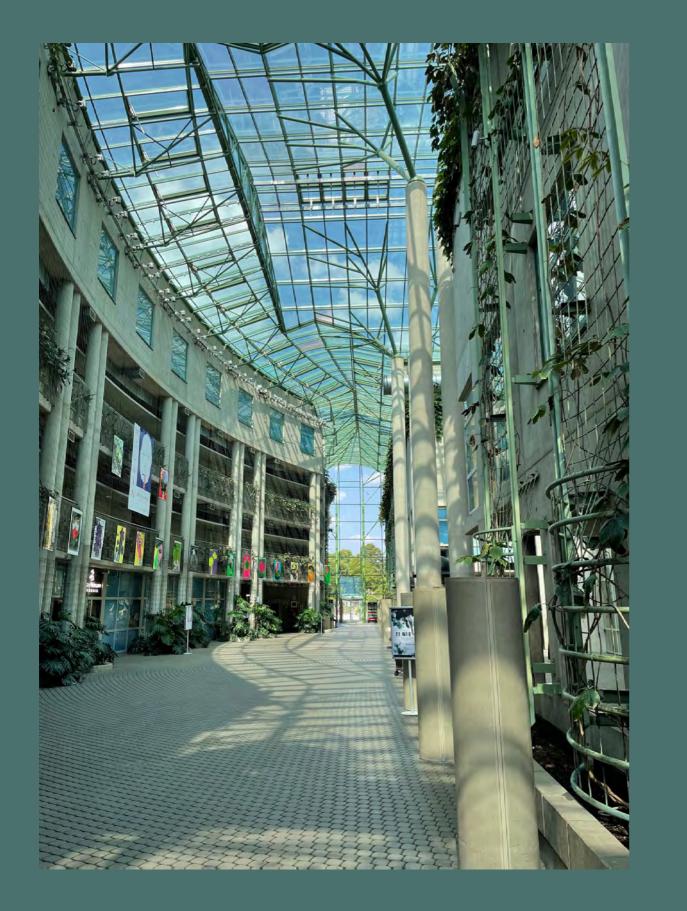
Late Cretaceous inversion of the Polish Basin – facies distribution and bathymetrical changes

The trip will focus on the northeastern part of the Mid-Polish Anticlinorium. In several outcrops, we will examine the main facies of this region (sandy limestone, gaize, opoka, marls, chalk), their spatial relationship, and resultant bathymetric and environmental interpretations. The surface data will be linked to high-resolution seismic images linking the subsurface changes to the depositional architecture during the Late Cretaceous inversion of the Polish Basin.

Led by Zbigniew Remin, Piotr Krzywiec, and Aleksandra Stachowska



VENUE



THE UNIVERSITY OF WARSAW New Library

The new University of Warsaw Library is a building of surprising diversity, fusing the functionality of a modern library with the atmosphere of an old town. Abutting the Vistula embankment, it encapsulates European culture while retaining a distinct Mazovian heritage.

The interior of the building is stunning, centered around a three-story monumental 'Passage' leading to the library itself, and open spaces connecting reading halls, resting places, and the books themselves. Our lecture halls directly face rows of bookshelves containing massive collections of books and magazines from around the world. There are also numerous shops, cafes, and art galleries on the library premises.

The roof of the library hosts one of the largest, most beautiful rooftop gardens in Europe, and is an attractive resting place for students and tourists alike. From the roof, visitors can admire both the Varsovian skyline and the Vistula River. The garden is immersed in a profusion of vibrant plants: yellow, pink, red and orange flowering shrubs, silver-leaved willows, white blooming Dasiphora fruticosa, and dwarf pines, among many others. The walkways, paths, bridges, and pergolas traversing the garden are hidden within an assortment of vines and climbing hydrangea, providing a scene of solitude and nature within the bustling University of Warsaw campus.

The majority of the symposium will be hosted here, in the new library.

THE UNIVERSITY OF WARSAW

Old Library

This is an iconic building of the University of Warsaw: initially built in 1894, at the beginning of the 21st century it was fully renovated into a modern lecture and conference centre. [During World War II, Czesław Miłosz, the 1980 Nobel laureate in Literature, worked here as a janitor.] We will meet here for the Opening Ceremony.





ECEG European Geological **Education Center in Chęciny**

ECEG is the University of Warsaw's geologic field center, built within an abandoned Devonian dolomite quarry in the medieval town of Checiny, in the heart of the Gory Świętokrzyskie (the Holy Cross Mountains). With state-of-the-art geological laboratories, lecture rooms, hotel accommodations, and all of the other facilities that may be useful for comfortable field work, it is a perfect place to carry out student field camps and geologic research. ECEG will serve as the base for some of our field trips, and host many of the pre- and post-conference workshops.

COMMITTEES

Scientific Committe

Beatriz Aguirre-Urreta Universidad de Buenos Aires	Argentina
Xi Chen China University of Geosciences (Beijing)	China
James Crampton Victoria University of Wellington	New Zealand
Andy Gale University of Portsmouth	UK
Bruno Granier Université de Bretagne Occidentale	France
Christian Huebscher Universität Hamburg	Germany
Brian Huber Smithsonian National Museum of Natural History	USA
John Jagt Natuurhistorisch Museum Maastricht	Netherlands
lan Jarvis Kingston University London	UK
Jim Kennedy University of Oxford	UK
, Ashu Khosla Panjab University	India
Martin Košťák Charles University Prague	Czech Republic
Eduardo Koutsoukos	
Universität Heidelberg	Germany

Neil Landman American Museum of Natural History

Jozef Michalik Slovak Academy of Sciences

Amruta Paranjape Emerson's Exploration and Production

Maria Rose Petrizzo Università degli Studi di Milano

Guy Plint the University of Western Ontario

Stephane Reboulet Université Claude Bernard Lyon

Brad Sageman Northwestern University

Ottilia Szives Hungarian Natural History Museum

Reishi Takashima Tohoku University

Nicolas Thibault University of Copenhagen

David Uličný Czech Academy of Sciences

Silke Voigt Goethe University Frankfurt

Michael Wagreich University of Vienna

Markus Wilmsen Senckenberg Naturhistorische Sammlungen Dresden

USA

Slovakia

India

Canada

France

USA

Hungary

Japan

Denmark

Czech Republic

Germany

Austria

Germany

Organizing Committe

Ireneusz Walaszczyk (Chair) University of Warsaw	Poland	Wojciech Majewski Institute of Palaeobiology - Polish Academy of Sciences	Poland
Marcin Barski University of Warsaw	Poland	Jacek Grabowski Polish Geological Institute - National Research Institute	Poland
Marta Bąk AGH University of Science and Technology	Poland	Mariusz Niechwedowicz University of Warsaw	Poland
Krzysztof Bąk Cracow Pedagogical University	Poland	Danuta Olszewska-Nejbert University of Warsaw	Poland
Zofia Dubicka University of Warsaw	Poland	Danuta Peryt Institute of Palaeobiology - Polish Academy of Sciences	Poland
Alina Chrząstek University of Wrocław	Poland	Izabela Ploch Polish Geological Institute - National Research Institute	Poland
Elżbieta Gaździcka University of Warsaw	Poland	Zbigniew Remin University of Warsaw	Poland
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Adam Halamski Institute of Palaeobiology - Polish Academy of Sciences	Poland	Aleksandra Stachowska Institute of Geological Sciences - Polish Academy of Sciences	Poland
Agata Jurkowska AGH University of Science and Technology	Poland	Tomasz Szczygielski Institute of Palaeobiology - Polish Academy of Sciences	Poland
Mariusz Kędzierski Jagiellonian University	Poland	Ewa Świerczewska-Gladysz University of Łódź	Poland
Piotr Krzywiec Institute of Geological Sciences - Polish Academy of Sciences	Poland	Jordan Todes University of Chicago	USA
Krzysztof Leszczyński Polish Geological Institute - National Research Institute	Poland	Alfred Uchman Jagiellonian University	Poland
Stanisław Leszczyński Jagiellonian University	Poland	Jakub Witkowski University of Szczecin	Poland
Marcin Machalski Institute of Palaeobiology - Polish Academy of Sciences	Poland	Jurand Wojewoda University of Wrocław	Poland
Daniel Madzia Institute of Palaeobiology - Polish Academy of Sciences	Poland	Elena Yazykova University of Opole	Poland

Warsaw: hotels, transportations, tours

POLISH VERSION

https://odkrywajwarszawe.pl/z-noclegiem/

ENGLISH VERSION

https://warsawcitybreak.com/where-to-stay/



CONTACT

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Website:	www.cretaceous2022.com

Organised by:





Co-organised by:







Under the auspices of:



Subcommission on Cretaceous Stratigraphy











