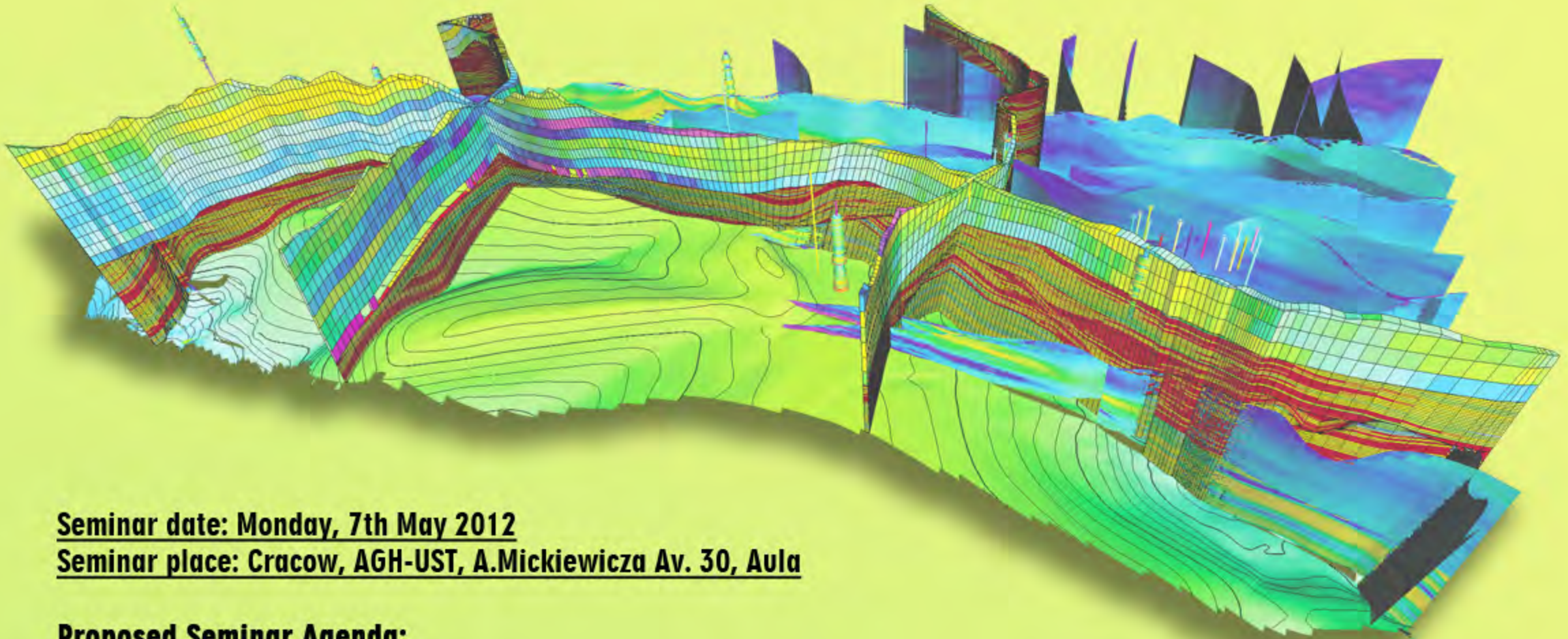


# Digital subsurface mapping in geological surveys: the state of the art and prospect for the future



**Seminar date: Monday, 7th May 2012**

**Seminar place: Cracow, AGH-UST, A.Mickiewicza Av. 30, Aula**

## **Proposed Seminar Agenda:**

**09:30–10:00** Registration, tea & coffee

### **10:00–12:30** Session I: National policies and nationwide approaches to digital 3D cartography

**10:00–10:10** Welcoming address and Introduction to the Seminar

**10:10–10:45** Marek Jarosiński & Urszula Stępień (PGI): Subsurface cartography in Poland  
– current State policy and development perspectives

**10:45–11:10** Hans Doornenbal (TNO): Subsurface mapping and modeling in The Netherlands  
– history, state of the art and plans for the future

**11:10–11:35** Maryke den Dulk (TNO): Deep subsurface modeling techniques – workflow automation,  
td conversion and fault modeling

**11:35–12:00** Stephen Mathers (BGS): Building a National Geological Model for Britain

**12:00–12:25** Jonathan Ford (BGS): BGS modelling studies for groundwater and CCS

**12:25–13:30** Lunch break

### **13:30–16:30** Session II: 3D modeling applications and techniques to support decision-making

**13:30–14:30** Konstantin Zakrevsky (EAGE): Geological 3D modeling – state of the art

**14:30–15:30** Franz Nemes (Schlumberger SIS): Basin scale 3D modeling of generation and migration processes  
– shale gas and oil applications

**15:30–16:10** Bartosz Papiernik (AGH): Subsurface mapping and modeling for petroleum prospecting,  
CCS and geothermic purposes in Poland – results, tools and potential

**16:10–16:30** Rafał Kudrewicz (POGC): Development of digital cartography in the Polish Petroleum Industry

**16:30–16:45** Coffee break

**16:45–17:30** Poster Session

**Seminar is free of charge for all participants**

For more information please visit Website:  
<http://www.pgi.gov.pl/en/konferencje-geologia-instytut/>



Faculty of Geology, Geophysics  
and Environment Protection  
AGH University of Science and Technology



**AGH**

AGH UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

**Dear colleagues,**

**We would like to invite you to the Seminar “Digital subsurface mapping in geological surveys: the state of the art and prospect for the future”, which is going to take place on 7th of May at the University of Science and Technology – AGH in Cracow. The Seminar is organized by the Faculty of Geology, Geophysics and Environment Protection (AGH-UST) and Polish Geological Institute in Warsaw.**

**The goal of the Seminar is to present and compare geological surveys’ prospects on the digital deep subsurface mapping and to show its potential and prospect for the future development. We hope to exchange our views on the scope of applicability of digital models in subsurface management. Bearing in mind that in Poland digital subsurface mapping potential is still underestimated by national decision makers and also underdeveloped at geological faculties and institutes, the seminar will be directed to the wide range of attendants: central administration officials responsible for geological planning, scientific staff from universities and R&D institutes, business representatives and PhD students performing modeling activities.**

**The idea of the Seminar is to limit the presentations to talks given by invited speakers and provide enough time for extended discussions when all participants are encouraged to take part. Oral presentations are thus planned to be longer than at typical conference. Poster session might also be scheduled – at the discretion of invited speakers – as posters can be more relevant to present and discuss details of modeling methods or specific key study. All seminar presentations will be published as monographic issue of the most popular geological monthly in Poland – Przegląd Geologiczny - a few months after the Seminar. For this reason, extended English abstracts will be translated to Polish by organizers. We intend to distribute copies of presentations (both oral and poster) among participants. Therefore, it would be great to have the pdf copies of your presentations and your abstracts 3 days before the Seminar.**

**We hope that the Seminar will increase understanding of importance of geological modeling, promote cooperation between decision-makers, modelers and model users and in this way will push forward development of the regional geological modeling in Poland and widen its range of application.**

### **Layout of Extended Abstracts**

**Extended abstracts of your oral and poster presentations shall be up to 6 pages long (manuscript) including pictures.**

**Format of text: Ms Word or Open Office, text font Times New Roman 12p., interline 1. Tables MS Excel or MS Word.**

**Please embed your pictures in the text.**

**Dean of the Faculty of Geology,  
Geophysics and Environment Protection**

**Jacek Matyszkiewicz, Professor**



**Faculty of Geology, Geophysics  
and Environment Protection  
AGH University of Science and Technology**



**Director of The Polish Geological Institute  
– National Research Institute**

**Jerzy Nawrocki, Professor**

**Rector of AGH - University of  
Science and Technology**

**Antoni Tajduś, Professor**



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