

What?

WORKSHOP

Morphogenesis & Biomineralization in Foraminifera and other organisms

When?

July 10-12, 2019

Where?

Instytut Nauk Geologicznych PAN
Institute of Geological Sciences
Polish Academy of Sciences
Research Centre in Kraków
ul. Senacka 1, POLAND



Why?

Very little is known about mechanisms controlling morphogenetic processes in Foraminifera in comparison to the knowledge based on extensive studies on proxies and biomineralization. Therefore, we would like to start filling that gap by sharing ideas on novel methodologies and the latest discoveries on morphogenesis and biomineralization. We plan a brainstorming workshop with two open sessions and complementary closed discussion panels focused on emerging research frontiers and future collaboration prospects. We hope that all sessions and networking activities in the unique atmosphere of Old Town in Kraków can manage to stimulate vibrant discussions and progress our knowledge on foraminiferal *Growth and Form*.

Who?

Biogeosystem Modelling Group

Organizing Committee

Chair

• Jarosław Tyszka → ndtyszka@cyfronet.pl

Logistics

• Anna Spadło → ndspadlo@cyfronet.pl

• Agata Jarzynka

• Jan Goleń

• Karolina Kobos

biogeo lab
group
face

Morphogenesis & Biomineralization in Foraminifera and other organisms

Workshop program

Invited speakers

Ulf Bickmeyer



Jelle Bijma



Zofia Dubicka



Jan Goleń



Martin J. Head
▷ Research Center Open Seminar



Johann Hohenegger



Jarosław Stolarski



Danna Titelboim



Jarosław Tyszka



Osmín Jared Vásquez Hernández
▷ Research Center Open Seminar



Friday – 12.07.2019

9:00 – 11:30

CLOSED SESSION

9:00 – 10:20 ▷ ***Future prospect: Confocal microscopy vs TEM – comparative approach; inhibition experiments; fossil vs live forams – novel methodologies; diagenetic overprints***

10:20 – 10:40 ----- COFFEE BREAK -----

10:40 – 11:30 ▷ Jarosław Tyszka: ***Frontiers in morphogenesis and biomineralization***

11:30 – 13:00

LUNCH BREAK

13:00 – 14:00

OPEN LECTURE Research Center Seminar

13:00 – 14:00 ▷ Martin J. Head: ***The evolving geological time scale: a focus on the Quaternary including the Anthropocene***

14:00 – 16:00

DISCUSSIONS (to be proposed)