


PERSONAL INFORMATION



Dr. habil. Velledits Felicitász PhD, DSc

 Institute of Exploration Geosciences
University of Miskolc,
H-3515 Miskolc
Egyetemváros

 (+36) 46-565-111/1748

 felicitasz.velledits@uni-miskolc.hu

 www.geology.uni-miskolc.hu/institute_staff/Dr--Felicitasz-Velledits

 www.researchgate.net/profile/Felicitasz-Velledits

Date of birth: 05/12/1959 | Nationality Hungarian

POSITION Professor associate

SPECIALIZATION

- Microfacies analyses of limestones
- Investigation of Triassic reefs: palaeontology, sedimentology
- Basin analyses
- Analyses of carbonate reservoirs

STUDIES

- 1995-99 **PhD Candidate ELTE Doctoral school**
Obtaining PhD degree
- 1987-88 **Institut für Paläontologie Erlangen (Germany)**
Microfacies analyses of limestones, determination of Mesozoic microfossils
- 1980-85 **Diplom Candidate**
Eötvös Lóránd Egyetem (ELTE), TTK/Faculty of Science
- 1974-78 **High-school graduation**
High school Debrecen, advanced mathematic class

DEGREES

- 2019 **DSc (Doctor of the Hungarian Academy of Sciences)**
- 2014 **Habilitation (University of Miskolc)**
- 1998 **PhD (Eötvös Loránd University)**

SKILLS

- Mother tongue** Hungarian
- Foreign languages** English (intermediate level C exam 2001)
German (Upper level C exam 1989)
[Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2 Proficient user Common European Framework of Reference for Languages]
- Communication skills** Good communication skills and excellent presentation skills
- Computer skills** MS Word, Excel, Adobe Photoshop, CorelDraw

ACTUAL JOBS

- 2014 – Professor associate, Institute of Exploration Geosciences, Faculty of Earth and Environmental Sciences and Engineering Miskolc University
- 2020, 2023 Invited lecturer at Wolfgang Goethe University Frankfurt, teaching activity: compact course on Petroleum Geology in English, 30 hours, 5 days

ADDITIONAL INFORMATION

Previous workplaces

- 2012:** Lecturer at Miskolc University, Institute of Exploration Geosciences, Faculty of Earth and Environmental Sciences and Engineering.
- 2007 – 14:** Self-employed: Sedimentological investigation of carbonate and siliciclastic reservoirs. Investigation the connection between productivity and sedimentology.
- 2007:** Geomega (Geological and Environmental Research and Service Ltd.) Geologist, seismic evaluator. Geological and sedimentological evaluation of the Permian gas reservoirs.
- 2002 – 05:** Békésy György postdoctoral fellow. Complex investigation of the Aggtelek reef: palaeontology, sedimentology, evolution.
- 2000 – 02:** Volterra Bt. self-employed. Solution of environments and applied geological tasks, geological mapping.
- 1998 – 99:** MOL geologist, reservoir geologist. Investigation of carbonates from Greece and Syria
- 1995 – 98:** Doctor school: ELTE researcher and postgradual student. Research: Sedimentological and palaeontological investigation of Middle and Upper Triassic successions of the Bükk Mts. (NE Hungary). Teaching activity: 1) Microfacies analyses of limestones, 2) Determination of Mesozoic fossils in thin sections, 3) Evolution of reef development during Earth history.
- 1990 – 95:** Maternity leave.
- 1985 – 90:** ELTE Geological Institute, assistant lecturer.
- 1980 – 85:** ELTE student. MSc thesis: Facies analyses of Berva Limestone (Bükk Mts., NE Hungary)

Hungarian scholarships

- 2002 - 05:** Békésy György postdoctoral scholarship. Ministry of Education and Culture.
- 1996 - 98:** MOL research scholarship.

International scholarships

- 2022:** Goethe Universität Frankfurt am Main, DAAD (German Academic Exchange Service).
- 2018:** Goethe Universität Frankfurt am Main, DAAD (German Academic Exchange Service).
- 2014:** Goethe Universität Frankfurt am Main, DAAD (German Academic Exchange Service).
- 2010:** University of ErlangenNürnberg, Geozentrum Nordbayern, Department of Paleontology, DAAD (German Academic Exchange Service).
- 2010:** Goethe Universität Frankfurt am Main, DAAD (German Academic Exchange Service).
- 2005:** Erlangen, Institut für Paläontologie , DAAD (German Academic Exchange Service).
- 2005:** Miláno, Università Degli Studi di Milano, Dipartimento di Scienze della Italian Ministry of Foreign Affairs.
- 2003:** Universität Wien, Geozentrum, ÖAD (Austrian Academic Exchange Service).
- 2000 – 01:** Erlangen, Institut für Paläontologie, DAAD (German Academic Exchange Service).
- 1987 – 88:** Erlangen, Institut für Paläontologie , DAAD (German Academic Exchange Service).

Received Hungarian applications

- 2002 – 05:** Evolution of Triassic reef on the Northern Tethys shelf. OTKA (National Research, Development and Innovation Office).
- 2002 – 05:** Complex investigation of Aggtelek reef. Békésy György postdoctoral fellowship. Academic research, postdoctoral scholarship.
- 1998 – 01:** Complex investigation of Hungarian reefs. OTKA (National Research, Development and Innovation Office).
- 1995 – 97:** Evolution of Ladinian-Carnian carbonate platforms in Northern Hungary. OTKA (National Research, Development and Innovation Office).
- 1996 – 98:** Triassic evolution of Bükk Mts. (N-Hungary). MOL.

Received international applications

- 2006:** Auswirkungen des mitteltriassischen Rifting des Neotethys Oceans auf der Karbonatplattform Entwicklung im Alpen-Karpaten Raum. (Control of the Middle Triassic rifting of the Neotethys on the evolution of the Alpine-Carpathian carbonate platforms.) ASO (Austrian Science and Research Office).
- 2004 – 06:** Werden und Vergehen anisischer Karbonatplattformen in den Nördlichen Kalkalpen (Origin and drowning of the Anisian carbonate platforms in the Northern Calcareous Alps). ÖAD (Austrian-Hungarian Action Foundation).
- 2006:** Auswirkungen des mitteltriassischen Rifting des Neotethys Oceans auf der Karbonatplattform Entwicklung in Alpen-Karpaten Raum. (Control of the Middle Triassic rifting of the Neotethys on the evolution of the Alpine-Carpathian carbonate platforms). ASO (Austrian Science and Research Office).
- 2018:** Investigation of the Reifling event in an outcrop of the Northern Calcareous Alps. DAAD (German Academic Exchange Service).
- 2014:** Ertrinkung der Steinalm Plattform in den Nördlichen Kalkalpen, und in Nord Ungarn (Drowning of the Steinalm platform in the Northern Calcareous Alps, and in NE Hungary). DAAD (German Academic Exchange Service).
- 2010:** Tuffitische Einschaltungen in der Aggtelek-Plattform (NO-Ungarn) und ihre geologische Bedeutung. (Tuffitic intercalation on the Aggtelek platform (NE Hungary) and its geological meaning). DAAD (German Academic Exchange Service).
- 2005:** Description of two new algal species from the Aggtelek reef (Aggtelekcella hungarica, Axopora aggtelekensis). DAAD (German Academic Exchange Service).
- 2005:** Comparison of Anisian terrestrial events from Bükk Mts., and Lombardy. (Italian Ministry of Foreign Affairs).
- 2003:** Drowning of Middle Triassic carbonate platforms on the northern shelf of the Tethys. Field work. Studying the Alpine thin section collection, scientific consultation. ÖAD (Austrian Academic Exchange Service).
- 2003:** Reconstruction of Jurassic sedimentological succession in the neptunian dykes of the Bükk Mts. DAAD (German Academic Exchange Service).
- 1987 – 88:** Comparison of the Triassic limestones from the Bükk Mts. and Alps. DAAD (German Academic Exchange Service).

Participation in research applications

- 2020 – 21:** Metallogenesis of the Middle Permian manganese deposits in northern Guizhou, South China: Combination of microbial and hydrothermal processes. (Chinese/Hungarian scientific collaboration).
- 2020 – 21:** Palaeozoic metasediments of the East Odenwald. (Leader W. Dörr).
- 2004 – 05:** Tectonistatigraphic terrains in the Circum-Pacific region. (Leader: Sándor Kovács) OTKA (National Research, Development and Innovation Office).
- 2004 – 05:** Comparison of the Paleozoic and Mesozoic succession of NE Hungary with those of Dinarids and Hellenids. OTKA (National Research, Development and Innovation Office).

Participation in research and development (R+D) projects

- 2014:** Macro- and microscopic description and XRD investigations and analyses on rock samples of cores #1&2. RAG KIHA Kft – Petrographical Laboratory Miskolc University.
- 2015:** Thin section description of the Kecel 2&3 wells. RAG KIHA Kft – Petrographical Laboratory Miskolc University.

Participation in other research projects

- 2022 – 24:** BrineRIS: Recovering valuable metals from geothermal brines using natural heat from inside the earth.
- 2020 – 22:** ENGIE: Empowering girls to become the geoscientists of tomorrow
- 2021:** TrainESE: Training the trainers in East and Southeast Europe
- 2016 – 20:** PULSE PROJECT: "Development of Efficiency Improvement Engineering Processes Related to the Utilization of Terrestrial Energy Resources" Economic Development and Innovation Operational Program project GINOP-2.3.215-2016-00010.
- 2021 – 22:** Geothermal energy: R+D+I Task Related to Conventional and Non-Conventional Hydrocarbon Sources
- 2020:** MOBI US: Set up a pilot network among four ESEE universities that run different raw materials-related master programs. Through this network, master students will have the chance to shift for one semester – using a "mobility window" – to study at the partner university a different specialization compared to the home program.

Memberships and positions

- AAPG: Association of American Petroleum Geologists
- MFT (Hungarian Geological Society)
- Hungarian Academy of Science Member of Public Body
- Sedimentological Society chairwomen: 2007-2009
- Member of the Geological Commission of the Hungarian Academy of Science
- Member of the Triassic Subcommittee of the Hungarian Academy of Science
- Member of the SH admissions committee

Reviews for national and international journals	<ul style="list-style-type: none">• Facies• Revue de Paleobiology• Swiss Journal of Geoscience• Geologica Carpathica• Geosciences and Engineering• Geological Bulletin• Földtani Közlöny
Teaching in English (for MSC students)	<ul style="list-style-type: none">• Applied geology• Core analyses• Hydrocarbon geology• Sedimentology• Sedimentology of carbonate reservoirs• Wellsite geology
Teaching in Hungarian (BSC students)	<ul style="list-style-type: none">• Hydrocarbon geology• Applied petrography and geology
Supervised PhD thesis	<ul style="list-style-type: none">• Mohammed Abbas Kareem Abdulsahib: Sedimentological investigation of Cretaceous carbonate reservoirs from Iraq• Al Hamound Al Atrash Hasan: Image segmentation and optimization of X-ray computed tomography images of porous materials: quantitative 3D characterization of the pore space
Training courses	<p>2023: Developing English language presentation skills for teachers</p> <p>2012: Budapest. AAPG: Education week. Lecturers: Prof. Dr. R. Sachsenhofer, Prof. Dr. P. Kukla, Prof. Dr. J. Urai, Dr. L. Fodor, Dr. B. Badics, Dr. D. Domitrovic</p> <p>2010: Golden (USA). AAPG: Basic Well Log Analysis, Lecturers: George Asquith, Daniel Krygowski.</p> <p>1999: Párizs. Eurobasin School: Tectonic control on trap formation</p> <p>1997: Heidelberg. Carbonate Sequence Stratigraphy. Lecturer: Prof. Wolfgang Schlager</p> <p>1997: Sümeg. Sequence Stratigraphic Workshop. Lecturers: Prof. A. Strasser, F. Surlyk</p> <p>1996: Budapest. High Resolution Stratigraphy. Application in Carbonate Sediments. Lecturer: Prof. D'Argenio.</p> <p>1995: Budapest. Practical Course on Carbonates (Sedimentology, Sequence Stratigraphy, Diagenesis and Reservoirs). Lecturer: Prof. M. Tucker</p> <p>1992: Tunézia: IAS (International Association of Sedimentologists) International Training Course on Sequence Stratigraphy. Lecturers: Prof. F.J. Sarg, Prof. R. N. Ginsburg, Prof. B.H.Purser</p>