

Curriculum vitae

Born: 22nd of September 1950, in Cluj-Napoca (Romania)

Graduated as geologist at the *Babes-Bolyai* University of Cluj-Napoca, Romania (1974).

Ph.D. in Geology (1996): Metallogenetical study of the banatitic intrusions of Budureasa and Pietroasa (Bihar Mnts., Romania)

Field geologist at Cluj Geological Enterprise (1974-1983); Head of the Mineralogy Laboratory at the Geological Enterprise Cluj-Napoca (1983-1994).

From 1997: different positions at the Faculty of Biology and Geology, Mineralogy Chair, from the *Babes-Bolyai* University of Cluj-Napoca, Romania: Senior lecturer (1997-1999), Associate Professor (1999-2001), Professor (since 2002). Head of the Mineralogy Chair (2002-2011), Head of Geology Department (2004-2006), Member of the University Senate (2004-2008).

Present: Retired, PostDoc mentor, Project director, at Babes-Bolyai University Cluj-Napoca

FIELDS OF INTEREST: Mineralogy and petrography of archaeoceramics; Archaeometry; Ophiolite petrology and geochemistry (Romania, Albania, Turkey); Gemmology.

ORCID: <http://orcid.org/0000-0001-8704-9816>

RESEARCH GATE: https://www.researchgate.net/profile/Corina_Ionescu

ADVISORY BOARD (2012-2018) & **ASSOCIATED EDITOR** (since 2018): *Geological Quarterly* (ISI) <https://gq.pgi.gov.pl/about/editorialTeam>

ASSOCIATED EDITOR (since 2019): *Archaeological and Anthropological Sciences* (Springer Nature) <https://www.springer.com/journal/12520/editors>

GUEST EDITOR:

- *European Journal of Mineralogy* (E. Schweizerbart'sche Verlagsbuchhandlung Stuttgart), vol. 23 (6) (2011): "Mineralogical Sciences and Archaeology"; <https://www.schweizerbart.de/papers/ejm/list/23#issue6>
- *Applied Clay Science* (Elsevier), vol. 82 (2013): "Ancient Ceramics – Analysis and Components"; <https://www.sciencedirect.com/journal/applied-clay-science/vol/82/suppl/C>

DIRECTOR OF RESEARCH PROJECTS (ROMANIA)

2017-2019: Grant PN-III-P4-ID-PCE-2016-0229: Provenience of archaeological artifacts: keys to understanding ancient societies.

2012-2016: Grant PN-II-ID-PCE-2011-3-0881: Geoscientific view of ceramic technology: evolution from Neolithic to Byzantine times within Romanian territory.

2009-2011: Grant 2241 CNSIS: Application of geosciences in the study of archaeological artefacts from Romania.

- 2006-2008: Grant 1337 CNCSIS: One or more Mesozoic oceans in the Eastern Carpathians and Apuseni Mnts.?
- 2000-2001: Grant 13 CNCSIS: Geological formations with gemstones from W and NW Romania: gemological evaluation and expertise.
- 1998-2001: Grant 7 WB: Development of master and doctoral degrees in gemmology at the Babes-Bolyai University of Cluj-Napoca, Romania.
- 1998: Grant 12 CNCSIS-Romanian Ministry of Education: Gemstones from Romania.

MEMBER IN INTERNATIONAL PROJECTS (FINALIZED):

- 2016-2018: Die Hügelgräbernekropole von Lăpuș, Region Maramureș, Rumänien, eine Elitennekropole der späten Bronzezeit und ihr Umfeld (The barrow necropolis of Lăpuș, Region Maramureș, Romania, an elite burial site of the Late Bronze Age and its environment), PART II. Ludwig-Maximilians-Universität Munich; funded by German Science Foundation.
- 2010-2014 & 2017-2019: CHARISMA (Budapest Research Reactor ATOMKI). European Commission Framework Programme „Cultural Heritage Advanced Research Infrastructures: Synergy for a multidisciplinary Approach to Conservation/Restoration”
- 2014-2018: Program of competitive growth of Kazan Federal University among world class academic centers and universities/Kazan Federal University, Tatarstan; funded by Russian Government.
- 2008-2011: Die Hügelgräbernekropole von Lăpuș, Region Maramureș, Rumänien, eine Elitennekropole der späten Bronzezeit und ihr Umfeld (The barrow necropolis of Lăpuș, Region Maramureș, Romania, an elite burial site of the Late Bronze Age and its environment), PART I. Ludwig-Maximilians-Universität Munich; funded by German Science Foundation.
- 2009-2010: Historic Quarries (Univ. Salzburg; Funded by EU-Culture 2007).
- 2006-2008: Stone-Relief-Inscription (Univ. Salzburg; funded by EU-Culture 2000).
- 2001-2008: Mines d’or antiques de Dacie, District de Roșia Montană, Monts Apuseni, Roumanie (Univ. Toulouse Le Mirail; funded by Ministère des Affaires Etrangères France)
- 2005: Karpatische Ophiolithe des Mesozoikums in Rumänien (Univ. Salzburg; funded by Land Salzburg).

OTHER SKILLS (Expert Deutsche Gemmologische Gesellschaft): Diamond grading (2000); Commercial Gemmology (2000); Pearls and organic substances (1999); Gemstones (1999).

INTERNATIONAL TEACHING PROGRAMS

- 2005-2008: Partner **Erasmus Project EUROMIN** (Co-ordinator: Eötvös Loránd University, Budapest).
- 2008-2010: Partner **Erasmus Intensive Program**: „Materials and patrimony: stone, glass, ceramics and concrete durability and conservation”. Course on Mineralogy and Petrography of Ancient Ceramics at University of Paris Est-Marne la Vallée (2008, 2009, 2010)
- 2011 Partner **Erasmus Intensive Program CHERMAT** „Cultural heritage Materials: from diagnostic to conservation”. Course on Mineralogy and Petrography of Ancient Ceramics at University of Modena (2011)
- 2011- 2019: RO38 network coordinator for **CEEPUS** (Central European Exchange Program for University Studies): „Earth-Science Studies in Central and South-Eastern Europe”

(Salzburg, Vienna, Leoben, Innsbruck, Bratislava, Kosice, Brno, Budapest, Krakow, Katowice, Warsaw, Wroclaw, Belgrade, Zagreb, Ljubliana, Cluj-Napoca, Iasi, Tirana).

VISITING PROFESSOR:

- 2014: Kazan (Volga Region) Federal University (Tatarstan)
- 2002, 2005, 2011: Salzburg University (Austria)
- 2004: Comenius University Bratislava (Slovakia)
- 2002, 2003, 2004: Jagiellonian University, Krakow (Poland)

SCIENTIFIC AND PROFESSIONAL ORGANIZATIONS:

- Vice-president of European Mineralogical Union: 2012-2016
- President of Association of European Geological Societies: 2007-2009; vice-president: 2009-2011
- Member of the Carpatho-Balkan Geological Association Council: 2006-present
- Fellow of the Association of Deutsche Gemmologische Gesellschaft: 1999-present
- Vice-president of the Geological Society of Romania (2007-2012)
- Member of the International Mineralogical Association, Commission of Gem Materials

MEMBER IN THE ORGANIZING COMMITTEES AT INTERNATIONAL CONFERENCES (CONVENER, CHAIR, SCIENTIFIC COMMITTEE):

- European Clay Meeting (2019, Paris)
- General Meetings of International Mineralogical Association (2006 Kobe; 2010 Budapest; 2014 Johannesburg; 2018 Melbourne)
- European Meeting on Ancient Ceramics (2017 Bordeaux; 2015 Athens; 2013 Padova; 2011 Vienna)
- Mineral Sciences in the Carpathians Conference & Central-European Mineralogical Conference (2003 & 2006 & 2012 Miskolc; 2009 Budapest; 2015 Veszprem; 2016 Kosice)
- European Mineralogical Conference (2012 Frankfurt; 2016 Rimini)
- PANGEO 2012 (2012 Salzburg)
- 7th International Symposium on Eastern Mediterranean Geology (2010 Adana)
- Congress of Carpathian-Balkan Geological Association (2010 Thessaloniki; 2014 Tirana; 2018 Salzburg)
- 16th Meeting of Association of European Geological Societies (2009 Cluj-Napoca)

REVIEWER FOR INTERNATIONAL JOURNALS (ISD): Applied Clay Science, Clay Minerals, Journal of Cultural Heritage, Archaeometry, Clays and Clay Minerals, Gems & Gemology, Studia Chemia, American Mineralogist, European Journal of Mineralogy, International Journal of Earth Science, Neues Jahrbuch fur Geologie und Palaeontologie, Arabian Journal for Science and Engineering, Geological Quarterly, Archaeological and Anthropological Sciences, Journal of Archaeological Science, Italian Journal of Geosciences, Periodico di Mineralogia, Austrian Journal of Earth Sciences, Geologia Croatica, Applied Surface Science, Journal of Archaeological Methods and Theory, a.o.

INVITED LECTURES AT FOREIGN UNIVERSITIES: 27

INVITED PLENARY/KEYNOTE LECTURES AT INTERNATIONAL CONFERENCES: 4

PhD STUDENTS (archaeometry, geology): 10

3 POSTDOC STUDENTS (ARCHAEOLOGY, GEOLOGY):

2010: Dr. Enkeleida Goga-Beqiraj, Polytechnical University, Tirana (Albania);

2018-2020: Dr. Mar Rey Sole, University of Barcelona (Spain);

2020-2022: Dr. Alexandru Solomon, Babes-Bolyai University, Cluj-Napoca (Romania)

PUBLICATIONS:

- **IN PEER-REVIEWED JOURNALS (Web of Science): 33**
- **BOOKS, BOOK CHAPTERS, EDITED VOLUMES: over 20**
- **PAPERS IN ROMANIAN JOURNALS: 36**
- **PARTICIPATION AT ~50 INTERNATIONAL SCIENTIFIC MEETINGS WITH A TOTAL OF 126 PRESENTATIONS (oral and poster)**