



NOTICE

BASIC INFORMATION

Position available within the research project entitled: "Innovative technologies for advanced recovery of waste materials from IT and telecommunication equipment", project number **84PCCDI / 2018**

Title*: *Researcher assistant (phd student)*

Offer Description*: First Stage Researcher in the field of electrochemical recovery of metals from WEEE

Researcher Profiles *: *(se bifează opțiunea dorită)*

- | | |
|---|---|
| <input checked="" type="checkbox"/> First Stage Researcher (R1) | <input type="checkbox"/> Recognised Researcher (R2) |
| <input type="checkbox"/> Established Researcher (R3) | <input type="checkbox"/> Leading Researcher (R4) |

Research field *:

Type of Contract*:

Job Status *:

Hours Per Week*: 40

Application Deadline *: **12.07.2018**

Envisaged Job Starting Date: **16.07.2018**

Is the job funded through a EU Research Framework Programme? *

Is the Job related to staff position within a [Research Infrastructure](#)? *(se bifează opțiunea)*

How to Apply *:

Internal Application form needed (.pdf files) *(se bifează opțiunea, dacă este cazul)*

HIRING INFO & WORK LOCATION

Number of positions available*: 1

Company/Institute*: "Babes-Bolyai" University, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

Department*: Department of Chemical Engineering (sau unitate de cercetare Fac. chimie)

REQUIREMENTS

Required Education Level (se completează unul sau mai multe câmpuri, după caz)

Main Research Field*: Chemistry

Level*: Master Degree or equivalent

Main Research Field*: Chemistry

Level*: Master Degree or equivalent

Skills/Qualifications: Bachelor Degree in Chemical Engineering

Specific Requirements:

- general practical skills in chemical laboratories;
- basic knowledge of general chemistry, electrochemistry and electrochemical engineering;

Required Languages (se completează unul sau mai multe câmpuri, după caz)

Language * ENGLISH

Level* Good

Language *

Level*

Required Research Experience *(se completează unul sau mai multe câmpuri, după caz)*

Research Field *

Years of Research Experience *

Research Field *

Years of Research Experience *

ADDITIONAL INFO

Website for additional job details: *(câmp opțional)*

Benefits: *(câmp opțional)*

Eligibility criteria: *(câmp opțional)*

Selection process:

- I. Exam conditions required for occupying the position of research assistant:
- Diploma at bachelor level in the field of Chemistry or Chemical Engineering;
 - Practical abilities at general level in Laboratories of Chemistry;
 - Basic knowledge of General Chemistry, Analytical Chemistry and Electrochemistry;

Selection steps:

1. Analyzing the candidate's file (eliminary);
2. Scientific examination (written);
3. Interview.

- II. Other specifications for selection:

Minimum note for each selection step: 6

The final grade is calculated as arithmetic mean of grades obtained to steps 1, 2 and 3.

Hierarchy of candidates: according to final grade.

Additional comments: *e-mail: pilea@chem.ubbcluj.ro*

Research and subresearch fields

Agricultural Sciences

Agricultural products
Agronomics
Enology
Forest sciences
Other
Phytotechny
Soil science
Temperate agriculture
Tropical agriculture
Zootechnics

Anthropology

Communication
anthropology
Cultural anthropology
Ethnology
Medical anthropology
Other
Physical anthropology
Social anthropology

Architecture

Design
Landscape architecture
Naval architecture
Other

Arts

Arts management
Fashion studies
Fine arts
Handicrafts
Other
Performing arts
Visual arts

Astronomy

Astrophysics
Cosmology
Other
Biological sciences
Biodiversity
Biological engineering
Biology
Botany
Laboratory animal science
Nutritional sciences
Other
Zoology

Chemistry

Analytical chemistry
Applied chemistry
Biochemistry
Combinatorial chemistry
Computational chemistry
Heterogeneous catalysis
Homogeneous catalysis
Inorganic chemistry
Instrumental analysis
Instrumental techniques
Molecular chemistry
Organic chemistry
Other
Physical chemistry
Reaction mechanisms and
dynamics
Solar chemistry
Structural chemistry

Communication sciences

Audiovisual communication
Business communication
Editing
Graphic communication
Journalism

Media studies
On-line information services
Other
Public relations
Publishing
Science communication
Speech communication

Computer science

3 D modelling
Autonomic computing
Computer architecture
Computer hardware
Computer systems
Cybernetics
Database management
Digital systems
Informatics
Modelling tools
Other
Programming
Systems design

Criminology

Cultural studies

African studies
American studies
Ancient studies
Anglo Saxon studies
Arabic studies
Asian studies
Byzantine studies
Coptic studies
Eskimo studies
European studies
Islamic studies
Jewish studies
Middle Ages studies

Middle East studies
Oriental studies
Other
Regional studies
Renaissance studies
Russian studies
Third world studies

Demography

Economics

Administrative sciences
Agricultural economics
Applied economics
Banking
Business economics
Cadastral survey
Commercial economics
Construction economics
Consumer economics
Cyclical economics
Econometrics
Economic policy
Economic systems
Economic theory
Economics of development
Environmental economics
Financial science
Fishery economy
Food economics
Health economics
Home economics
Industrial economics
International economics
Knowledge economy
Labour economics
Labour market economics
Land economy
Local public economics
Macroeconomics
Management studies
Marketing
Microeconomics
Other
Political economy

Production economics
Social economics
Tourism studies
Transport economics
Valuation
Veterinary economics

Educational sciences

Education
Learning studies
Other
Research methodology
Teaching methods

Engineering

Aerospace engineering
Agricultural engineering
Biomaterial engineering
Biomedical engineering
Chemical engineering
Civil engineering
Communication engineering
Computer engineering
Control engineering
Design engineering
Electrical engineering
Electronic engineering
Geological engineering
Industrial engineering
Knowledge engineering
Maritime engineering
Materials engineering
Mechanical engineering
Microengineering
Nuclear engineering
Other
Precision engineering
Process engineering
Project engineering
Simulation engineering
Sound engineering
Surveying
Systems engineering
Thermal engineering

Water resources engineering

Environmental science

Earth science
Ecology
Global change
Natural resources
management
Other
Water science

Ethics in health sciences

Ethics in natural sciences

Ethics in physical sciences

Ethics in social sciences

Geography

Cartography
Economic geography
Geopolitics
Historical geography
Human geography
Other
Regional geography
Social geography

Geosciences

Geology
Hydrology
Other

History

Ancient history
Archaeology
Art history
Church history
Contemporary history
Economic history
Genealogy
Heraldry
History of agriculture
History of design

History of law
History of performance
History of philosophy
History of religions
History of science
History of social sciences
Local history
Medieval history
Modern history
Music history
Numismatics
Other
Paleography
Political history
Prehistory
Sigillography
Social history

Information science

Archivistics
Diplomatics
Documentation
Information management
Library science
Other

Juridical sciences

Agrarian law
Canon law
Comparative law
Criminal law
Environmental law
European law
Finance law
Fiscal law
Health law
Informatic law
International law
Judicial law
Juvenile law
Labour law
Media law
Medical law
Other

Private law
Public law
Roman law
Social law
Transportation law

Language sciences

Languages
Linguistics
Other
Philology

Literature

African literature
American literature
Asian literature
Austronesian literature
Comparative literature
European literature
Greek literature
Hamito-semitic literature
Literary criticism
Other
Writing

Technology

Biotechnology
Chemical technology
Energy technology
Environmental technology
Future technology
Electrical technology
Dating techniques
Communication technology
Computer technology
Construction technology
Graphic techniques
High vacuum technology
Space technology
Standardisation of technologies
Telecommunications technology
Sound technology

Safety technology
Production technology
Quantum technology
Remote sensing
Transport technology
Vacuum technology
Water technology
Pharmaceutical technology
Other
Knowledge technology
Laboratory technology
Marine technology
Internet technology
Interface technology
Industrial technology
Information technology
Instrumentation technology
Materials technology
Measurement technology
Nanotechnology
Nuclear technology
Optronics
Mining
Military technology
Medical technology
Micro-technology

Religious sciences

Biblical studies
Church studies
Comparative religion
Non-Christian religions
Theology
Other
Pastoral studies

Sociology

Sociology of religion
Urban sociology
Sociology of labour
Sociology of enterprise
Social shaping of technology
Societal behaviour
Socio-economic research

Social changes
Rural sociology
Educational sociology
Macrosociology
Other

Psychological sciences

Psychology
Psychoanalytic studies
Behavioural sciences
Cognitive science
Other

Neurosciences

Neurology
Neurophysiology
Neuropsychology
Neuroinformatics
Neurochemistry
Neurobiology
Other

Pharmacological sciences

Clinical pharmacology
Cosmetology
Pharmacognosy
Pharmacy
Toxicology
Veterinary pharmacology
Other

Mathematics

Combinatorial analysis

Computational mathematics
Discrete mathematics
Chaos theory
Applied mathematics
Algebra
Algorithms
Geometry
Mathematical analysis
Statistics
Probability theory
Other
Mathematical logic
Number theory

Philosophy

Ethics
Metaphysics
Epistemology
Aesthetics
Other
Logic
Philosophical anthropology
Phenomenology
Philosophy of law
Philosophy of science
Semiotics
Systematic philosophy

Medical sciences

Veterinary medicine
Other
Medicine

Political sciences

Science and society
Policy studies
Public awareness of science
Public policy
Other
Governance

Physics

Other
Quantum mechanics
Relativity
Solid state physics
Optics
Neutron physics
Electronics
Mathematical physics
Metrology
Statics
Statistical physics
Surface physics
Thermodynamics
Electromagnetism
Condensed matter properties
Acoustics
Classical mechanics
Computational physics
Chemical physics
Biophysics
Applied physics