<table>
<thead>
<tr>
<th>Project No.</th>
<th>FIELD OF RESEARCH/PROJECT TITLE (number of fellowships)</th>
<th>INVITED MEMBER STATES PER REGION</th>
<th>LIMIT OF AGE</th>
<th>ACADEMIC REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Software Engineering (2) Modeling and analysis of a multi-agent system with colored Petri nets</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in electrical engineering, computer science or related disciplines</td>
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<tr>
<td>02</td>
<td>Transport Engineering (5) 02 Transportation technology system and devices (2) 04 Availability problems in transportation systems and devices (2) 06 Reliability, maintainability and availability in transport system (1)</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in mechanical engineering or transport engineering</td>
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<tr>
<td>03</td>
<td>Automation in Transport Engineering (2) Transportation system telematics</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in electrical engineering, computer science or related disciplines</td>
</tr>
<tr>
<td>05</td>
<td>Decision Engineering. (2) Problem base engineering.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in mechanical engineering or transport engineering</td>
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<tr>
<td>07</td>
<td>Materials Science and Ceramics (2) Advanced ceramic materials</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in ceramic materials</td>
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<tr>
<td>08</td>
<td>Drilling Engineering (4) 02 Drilling and Hydraulic fracturing simulation (2) 04 Drilling parameters influence on injection performance</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean, Europe</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in petroleum engineering, geological sciences or related disciplines</td>
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<tr>
<td>11</td>
<td>Geology and Mining (6) Optimising borehole heat exchangers systems (2) Possibility of looking for the gas in unconventional reservoirs (2) Surface gas preparing methods concerning the unconventional gas reservoirs (2)</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean, Europe</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in petroleum engineering, geoscience, gas engineering or mechanical engineering</td>
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<tr>
<td>14</td>
<td>Gas Engineering (2) Enhanced gas recovery (EOR) technology with CO2 sequestration in gas fields.</td>
<td>Asia and the Pacific, Africa, Arab States, Europe, Latin America and the Caribbean</td>
<td>no more than 35 years of age</td>
<td>B.Sc or M.Sc degree in petroleum engineering, geoscience, gas engineering or mechanical engineering</td>
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<tr>
<td>15</td>
<td>Solid State Physics (1) Studies magnetostriction in stoichiometric and doped magnetite single crystals.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in physics or technical physics</td>
</tr>
<tr>
<td>16</td>
<td>Environmental Management and Biotechnology (4) Concept of application of the Polish innovative biotechnology for improvement the quality of the environment and promotion of sustainable development in selected region.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in environmental engineering, geoscience or technical physics</td>
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<tr>
<td>17</td>
<td>Economic Sociology (1) Interrelations between new technologies and social and economic life in globalizing world</td>
<td>Asia and the Pacific, Africa, Arab States, Europe, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>MA degree in humanities or social sciences or economics</td>
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<td>18</td>
<td>Petrophysics (1) Reservoir geophysics-combining well log data and laboratory data.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 35 years of age</td>
<td>B.Sc or M.Sc degree in applied geophysics, petroleum geology</td>
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<tr>
<td>19</td>
<td>Economic Geology (3) Copper and associated mineralization and its lithostratigraphical, petrological and tectonic context in the Neoproterozoic succession from selected sites (1) 3-4 Modeling of mineral deposits (2)</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean, Europe</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in Geology</td>
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<tr>
<td>20</td>
<td>Geology (1) Mineralogy and geochemistry.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc degree in Economic Geology, mineralogy and geochemistry</td>
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<tr>
<td>21</td>
<td>Mining Geophysics (1) Recognizing the mining discontinuity with GPR method.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in Geology, applied geophysics</td>
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<tr>
<td>22</td>
<td>Geotourism (2) Assessment of geotouristic values of selected geological objects.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree geology geophysics and environmental protection.</td>
</tr>
<tr>
<td>24</td>
<td>Mining and Geoenengineering (2) Mining and geology, the deposits at the great depths.</td>
<td>Africa, Arab States, Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in mining and geoenengineering</td>
</tr>
<tr>
<td>25</td>
<td>Mining and Geoenengineering 25 Mining and geology environmental engineering</td>
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<tr>
<td>26</td>
<td>Iron Metallurgy (1) Identification of rheological character of liquid phases in blast furnace.</td>
<td>Asia and the Pacific, Latin America and the Caribbean</td>
<td>no more than 40 years of age</td>
<td>B.Sc or M.Sc degree in field of iron metallurgy</td>
</tr>
</tbody>
</table>

Total courses: 44

Please refer to the list of invited Member States entitled to submit applications hereunder.
AFRICA
(46 Member States)
• Angola
• Benin
• Botswana
• Burkina Faso
• Burundi
• Cameroon
• Cape Verde
• Central African Republic
• Chad
• Comoros
• Congo
• Côte d'Ivoire
• Democratic Republic of the Congo
• Djibouti
• Equatorial Guinea
• Eritrea
• Ethiopia
• Gabon
• Gambia
• Ghana
• Guinea
• Guinea-Bissau
• Kenya
• Lesotho
• Liberia
• Madagascar
• Malawi
• Mali
• Mauritius
• Mozambique
• Namibia
• Niger
• Nigeria
• Rwanda
• Sao Tome and Principe
• Senegal
• Seychelles
• Sierra Leone
• Somalia
• South Africa
• Swaziland
• Togo
• Uganda
• United Republic of Tanzania
• Zambia
• Zimbabwe.

ARAB STATES
(1 Member State)
• Sudan

ASIA AND THE PACIFIC
(35 Member States and 2 Associated Members)
• Afghanistan
• Bangladesh
• Bhutan
• Brunei Darussalam
• Cambodia
• China
• Fiji
• India
• Indonesia
• Kazakhstan
• Kiribati
• Kyrgyzstan
• Lao People's Democratic Republic
• Malaysia
• Maldives
• Mongolia
• Myanmar
• Nauru
• Nepal
• Niue
• Pakistan
• Palau
• Papua New Guinea
• Philippines
• Samoa
• Sri Lanka
• Tajikistan
• Thailand
• Timor-Leste
• Tonga
• Turkmenistan
• Tuvalu
• Uzbekistan
• Vanuatu
• Viet Nam.

Associated Members:
• Macao China (Associate Member)
• Tokelau (Associate Member)

EUROPE
(7 Member States)
• Armenia
• Azerbaijan
• Belarus
• Georgia
• Republic of Moldova
• Russian Federation
• Ukraine.

LATIN AMERICA AND THE CARIBBEAN
(31 Member States)
• Argentina
• Barbados
• Belize
• Bolivia (Plurinational State of)
• Brazil
• Chile
• Colombia
• Costa Rica
• Cuba
• Dominica
• Dominican Republic
• Ecuador
• El Salvador
• Grenada
• Guatemala
• Guyana
• Haiti
• Honduras
• Jamaica
• Mexico
• Nicaragua
• Panama
• Paraguay
• Peru
• Saint Kitts and Nevis
• Saint Lucia
• Saint Vincent and the Grenadines
• Suriname
• Trinidad and Tobago
• Uruguay
• Venezuela (Bolivarian Republic of).