**[한국원자력학회 학술발표회 논문 분야코드]**

|  |  |  |  |
| --- | --- | --- | --- |
| **대분야코드** | **대분야** | **소분야코드** | **소분야** |
| 1 | Division of Reactor System Technology | 1.1  1.2  1.3  1.4  1.5  1.6  1.7 | Large Pressurized Water Reactor System Technology  Small and Medium Pressurized Water Reactor System Technology  Heavy Water Reactor System Technology  Liquid Metal Reactor System Technology  High-Temperature Gas-Cooled Reactor System Technology  Research Reactor System Technology  Nuclear Reactor System Regulation Technology |
| 2 | Division of Reactor Physics and Computational Science | 2.1  2.2  2.3  2.4  2.5 | Reactor Physics/Test․Validation  Fuel Management and Fuel Cycle  Computational Science/Computer Simulation  Nuclear Data  Advanced Reactor Nuclear Design |
| 3 | Division of Radioactive Waste Management | 3.1  3.2  3.3  3.4  3.5 | Radioactive Waste Treatment  Radioactive Waste Disposal  Decontamination and Decommissioning  Spent Fuel Management  Radiochemistry |
| 4 | Division of Nuclear Fuel and Materials | 4.1  4.2  4.3  4.4  4.5 | Fuel Design and Fabrication  Fuel Performance  Fuel Test and Evaluation  Nuclear Materials Reliability and Degradation  Nuclear Materials Development |
| 5 | Division of Thermal Hydraulics and Safety | 5.1  5.2  5.3  5.4  5.5  5.6 | Thermal Hydraulic Experiment  Thermal Hydraulic Analysis  Severe Accident  Probabilistic Safety Assessment  Safety Issues  Fire safety in nuclear facility |
| 6 | Division of Radiation Utilization and Protection | 6.1  6.2  6.3  6.4  6.5  6.6  6.7  6.8  6.9 | Radiation Protection  Radiation Shielding  Radiological Emergency Planning and Preparedness  Environmental Impact Assessment of Radiation  Radiation Biomedicine  Neutron Beam Application  Radioisotope Production and Application  Radiation Detectors and Instruments  Radiation Processing |
| 7 | Division of Quantum Engineering and Nuclear Fusion | 7.1  7.2  7.3  7.4 | Particle Accelerator Engineering  Optics and Laser Engineering  Nuclear Fusion and Plasma Technology  Radiation Generator Technology |
| 8 | Division of Nuclear Power Plant construction and Operation Technology | 8.1  8.2  8.3  8.4  8.5  8.6  8.7 | Plant Construction  Plant Operation & Maintenance  Aging Management  Plant Design & Manufacturing  Plant Water Chemistry  Seismic Analysis  Structural Analysis |
| 9 | Division of Nuclear Policy, Human Resources and Cooperation | 9.1  9.2  9.3  9.4  9.5  9.6 | Nuclear Human Resources Development  Cooperation and Communication  Nuclear Non-Proliferation and Security  Energy Policy  Nuclear Law and Safety Regulation  Nuclear Energy Policy |
| 10 | Division of Nuclear I&C, Human Factors and Automatic Remote Systems | 10.1  10.2  10.3  10.4  10.5  10.6  10.7 | Operation and Simulation  Instrumentation and Control  Human Machine Interface and Human Factors Engineering  Reliability and Verification/Validation  Automatic Remote Systems and Robotics  Condition Monitoring and Maintenance  Nuclear Cyber Security |