[한국원자력학회 학술발표회 논문 분야코드] (07.11)

|  |  |  |  |
| --- | --- | --- | --- |
| **대분야코드** | **대분야** | **소분야코드** | **소분야** |
| 1 | Division of Reactor System Technology  | 1.11.21.31.41.51.61.7 | Large Pressurized Water Reactor System TechnologySmall and Medium Pressurized Water Reactor System TechnologyHeavy Water Reactor System TechnologyLiquid Metal Reactor System TechnologyHigh-Temperature Gas-Cooled Reactor System TechnologyResearch Reactor System TechnologyNuclear Reactor System Regulation Technology |
| 2 | Division of Reactor Physics and Computational Science | 2.12.22.32.42.5 | Reactor Physics/Test․ValidationFuel Management and Fuel CycleComputational Science/Computer SimulationNuclear DataAdvanced Reactor Nuclear Design |
| 3 | Division of Back-End Nuclear Fuel Cycle | 3.13.23.33.43.5 | Radioactive Waste TreatmentRadioactive Waste DisposalDecontamination and DecommissioningSpent Fuel ManagementRadiochemistry |
| 4 | Division of Nuclear Fuel and Materials | 4.14.24.34.44.54.6 | Fuel Design and FabricationFuel PerformanceFuel Test and EvaluationNuclear Materials Reliability and DegradationNuclear Materials DevelopmentStructural Integrity of Nuclear Components |
| 5 | Division of Nuclear Thermal Hydraulics | 5.15.25.35.4 | Thermal Hydraulic ExperimentThermal Hydraulic AnalysisSafety Analysis IssuesAdvanced Thermal Hydraulics |
| 6 | Division of Nuclear Safety | 6.16.26.36.4 | Risk and Safety AssessmentSevere AccidentSafety Issue and Risk informed RegulationDisaster Analysis/Assessment |
| 7 |  Division of Radiation Protection | 7.17.27.37.47.5 | Radiation Protection and DosimetryRadiation Shielding and Facility Operation Environmental Impact Assessment and Measurement of Environmental Radiation Emergency Response to Radiological AccidentRadiation Medicine and Biological Effect |
| 8 | Division of Radiation Utilization and Instrumentation | 8.18.28.38.4 | Radiation InstrumentationRadioisotope Production and ApplicationNeutron Beam ApplicationRadiation Processing and Bioengineering |
| 9 | Division of Quantum Engineering and Nuclear Fusion | 9.19.29.39.4 | Particle Accelerator EngineeringOptics and Laser EngineeringNuclear Fusion and Plasma TechnologyRadiation Generator Technology  |
| 10 | Division of Nuclear Power Plant construction and Operation Technology | 10.110.210.310.410.510.6 | Siting and ConstructionOperation, Maintenance, Aging ManagementPlant Design & ManufacturingPlant Water ChemistrySeismic and External HazardStructural Analysis |
| 11 | Division of Nuclear Policy, Human Resources and Cooperation | 11.111.211.311.411.511.6 | Nuclear Human Resources DevelopmentCooperation and CommunicationNuclear Non-Proliferation and SecurityEnergy PolicyNuclear Law and Safety RegulationNuclear Energy Policy |
| 12 |  Division of Nuclear I&C, Human Factors and Automatic Remote Systems | 12.112.212.312.412.512.612.7 | Operation and SimulationInstrumentation and ControlHuman Machine Interface and Human Factors Engineering Reliability and Verification/ValidationAutomatic Remote Systems and RoboticsCondition Monitoring and MaintenanceNuclear Cyber Security |