



# International Conference on the Management of Spent Fuel from Nuclear Power Reactors 2019: Learning from the Past, Enabling the Future

## Thursday, 27 June 2019

### Track 5 Poster Session: Impacts of advanced nuclear energy systems on the back-end of the fuel cycle (10:30 - 11:00)

| [id] title  | presenter                          | board |
|---|------------------------------------|-------|
| <b>[35] Environmental Load Reduction of Geological Repository by Minor Actinide Separation; Utilization of MOX Fuel in Future Fuel Cycle System</b>                         | Ms MINARI, Eriko                   |       |
| <b>[181] Reduction of geological disposal area by introducing partitioning technologies under conditions of high burn-up fuel and high content vitrified waste (Poster)</b> | OKAMURA, Tomohiro                  |       |
| <b>[30] Effective use of U-234 in Thorium fuel cycle</b>  | Dr NAKASE, Masahiko                |       |
| <b>[52] PERSPECTIVE SOLUTIONS FOR THE BACK-END OF THE NUCLEAR FUEL CYCLE</b>  | SHEREMETEV, Andrey                 |       |
| <b>[116] The options of spent fuel reprocessing and partition in the frame of future advanced fuel cycles in Russia</b>   | Dr TKACHENKO, Liudmila             |       |
| <b>[15] IMMOBILIZATION OF RARE EARTH WASTE STREAM FROM REPROCESSING USING VITRIFICATION</b>   | Dr MOHD FADZIL, Syazwani           |       |
| <b>[98] VERIFICATION OF CODE-TP MODEL OF LIQUID CHROMATOGRAPHY PROCESS USED IN PROCESSING TECHNOLOGY FOR FAST REACTORS SNF.</b>   | PODREZOVA, Liubov                  |       |
| <b>[39] IDENTIFICATION OF IMPORTANT FISSION PRODUCT NUCLIDES FROM SPENT FUEL OF PEBBLE BED HTGR AT MAXIMUM BURN-UP</b>  | Mr KHAKIM, Azizul                  |       |
| <b>[82] Transmutation of minor actinides in AP1000 reactor</b>  | Mr BASHIR, Abbas<br>Prof. LIU, Bin |       |
| <b>[91] High level waste partitioning as an obligatory part of the used nuclear fuel management</b>   | Mr SEMIN, Sergey                   |       |