

NuFuel-MMSNF 2019 Workshop

Tuesday 05 November 2019

Session 3: Chair: G. Pastore (INL) - WHGA/001 (14:00-15:30)

| time | [id] title | presenter |
|-------|--|-------------------------------------|
| 14:00 | [18] New helium equation of state for pressurized nanobubbles in UO ₂ matrix calculated via molecular dynamics simulations | VAN BRUTZEL, Laurent |
| 14:30 | [16] 2-D and 3-D modelling of fission gas release due to intra-granular bubble movement during post-irradiation annealing of UO ₂ fuel | VERMA, Lokesh |
| 14:50 | [21] Design of a novel set-up for the investigation of helium behaviour in oxide nuclear fuel via infusion: realization, modelling and preliminary results | COGNINI, Luana |
| 15:10 | [34] Noble gas transport in UO ₂ annealed under controlled O ₂ partial pressure: first results | GILABERT, Eric Dr HORLAIT, Denis |