

### BLG-reports

Haeck W., Verboomen B.- *ALEPH 1.1.2 - A Monte Carlo Burn-Up Code.*- Mol, Belgium: SCK•CEN, 2006.- 62 p.- (Open Report of the Belgian Nuclear Research Centre; BLG-1003).- ISSN 1379-2407

Haeck W., Verboomen B.- *A Validated MCNP(X) Cross Section Library based on JEFF 3.1.*- Mol, Belgium: SCK•CEN, 2006.- 126 p.- (Open Report of the Belgian Nuclear Research Centre; BLG-1034).- ISSN 1379-2407

### External Reports

Gouat P., Vermeeren L., Verwerft M., Wéber M., Benoit P., Van Helden B.- *SCK•CEN: Your partner in fuel research - Fuel irradiation testing in BR2 and related R&D: Present and future capabilities.*- Mol, Belgium: SCK•CEN, 2006.- 36 p.- (External Report of the Belgian Nuclear Research Centre; ER-15).- ISSN 1782-2335

### In-proceedings papers

Haeck W., Verboomen B.- *Validation of Nuclear Data using Lawrence Livermore Pulsed Sphere Experiments.*- In: The American nuclear Society's 14th Biennial Topical Meeting of the Radiation Protection and Shielding Division, Carlsbad, United States, 3-6 April 2006 / ANS, La Grange park, United States, ANS, 2006, p. 139-154

Kuzminov V., Koonen E.- *Simulation of Irradiation History in Combined Annular Multi-Tube Fuel Element of BR2.*- In: Ens rrfm 2006 transactions, Sofia, Bulgaria, 30 April - 3 May 2006, Bruxelles, Belgium, European Nuclear Society, 2006, p. 300-304

Moons F.- *BNEN – The Belgian Nuclear higher Education Network. Your way to the European master of nuclear engineering.*- In: Proceedings of the 12th Int Conf on Emerging Nuclear Energy Systems, August 21-26, 2005, Brussels, Brussels, B.Verboomen, H.Ait Abderrahim, P.D'hondt, 2006

### Journal Articles

Haeck W., Malambu Mbala E., Sobolev V., Ait Abderrahim H.- *Assessment of americium and curium transmutation in magnesia based targets in different spectral zones of an experimental accelerator driven system: E-MRS 2005 Spring Meeting Symposium N on Nuclear Materials (including the 10th Inert Matrix Fuel Workshop), Strasbourg, France, 31 May - 2 June 2005.*- In: Journal of Nuclear Materials, 352(2006), p. 285-290.- ISSN 0022-3115

Moons F., De Regge P.- *European Nuclear Education Network.*- In: Atomic Strategy, (2006), p. 26-26