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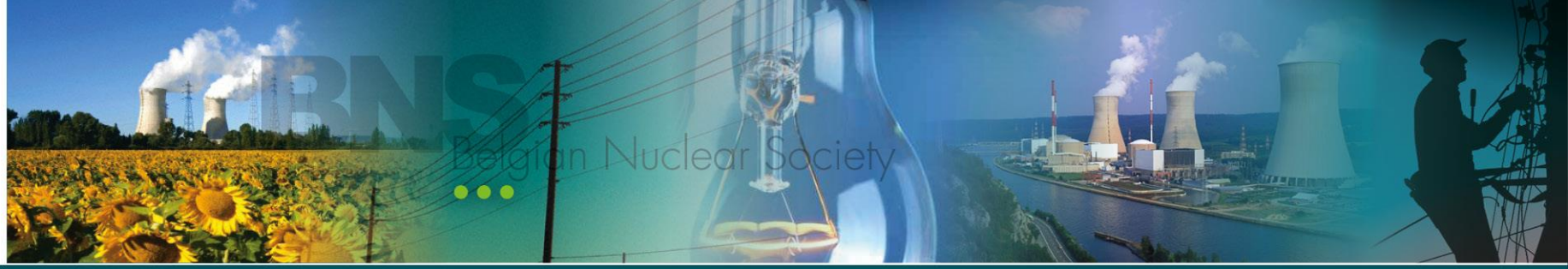

BNS EVENING LECTURE

- Thursday March 26, 2015
- 18:30 Evening Lecture
- Tractebel Engineering
- Av. Ariane – Arianelaan 7 – 1200 Brussels

“Scientific Contest: Edition 2015"

Dear BNS & BNS-YG Members,
Dear BNS & BNS-YG Friends,

The Belgian Nuclear Society and the Belgian Nuclear Society Young Generation have the honor to invite you to the next Evening Lecture on Thursday March 26, 2015 at 18:30 at Tractebel Engineering, Avenue Ariane-Arianelaan 7, 1200 Brussels. The topic of the lecture is:

“Scientific Contest: Edition 2015”

The evening will be concluded by a cocktail. We sincerely hope to welcome you on this occasion.

Céline Jacquet de Haveskercke
BNS Secretary

Roger Schène
BNS Chairman

Registration is required by March 23 on www.bnsorg.be

Three candidates, Alexander Bakaev, Bart Deconinck and Marco De Lorenzo will present their scientific work. Submitted works that have not been selected for presentation will compete in a poster session. After the presentations and the question round, the jury will deliberate the final scores.
During the deliberation period the public and poster jury will discuss the posters with the participants.
The winners of the presentations and of the poster prices will be announced the same evening during the cocktail.

The 3 works selected for presentation are:

"Radiation Effects in Structural Steels for Nuclear Applications: an Atomistic Study" by Alexander Bakaev
PhD in Physics, Universiteit Gent

"Provisions for the Dismantling of Industrial Installations: Analysis of European and Sectorial Approaches" by Bart Deconinck
Master in Sciences and Environment, Université Libre de Bruxelles

"Implementation of a Full 3D Neutronic Model for MYRRHA in RELAP5-3D using Nestle" by Marco De Lorenzo
Master in Nuclear and Energy Engineering, Politecnico di Torino

The works participating in the poster session are:

"Shortcomings of 1-D Thermohydraulic Transient Analysis for a Pool Type Reactor (like MYRRHA)" by Federico Di Rocco
Master in Energy and Nuclear Engineering, "Sapienza" Universita di Roma

Paper entitled "Nucleation and Growth of Hydrogen Bubbles on Dislocations in Tungsten under High Flux Low Energy Plasma Exposure" by Petr Grigorev
PhD student in Physics, SCK-CEN and Universiteit Gent