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**Seminarium Zakładu Energetyki Jądrowej i Analiz Środowiska (UZ3)
Departament Badań Układów Złożonych (DUZ)**

Wtorek: **23.06.2020**
11:30

Zuzanna Krajewska

**Modeling Fully Ceramic Microencapsulated (FCM) fuel – description
of the research objectives**

Abstract:

Good understanding of the failure-free performance of Tri-structural ISotropic (TRISO)-particle fuel is a key for the safe and efficient operation of High Temperature Gas-cooled Reactors. One of the experimental method as a tool to investigate damage occurring in TRISO fuel is Raman spectroscopy. This method can be used to find damage in small particles of TRISO fuel at the front-end stage and during irradiation in the reactor. This seminar will focus on the description of the Raman method and on presenting the assumptions for an experiment on TRISO particles using the mentioned method.

Serdecznie zapraszamy,
M. Dąbrowski, T. Kwiatkowski

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