

| Agenda for Workshop on Nanomaterials & Engineered Microstructures for Nuclear Applications (NEMNA) | | |
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| Location : Brookhaven National Lab | | |
| Thursday, February, 28th, 2013 | | |
| Start | End | Events |
| 8:30 AM | 8:40 AM | Opening Remarks: Dr Bill Horak, Nuclear Science and Technology Department, BNL |
| 8:40 AM | 8:55 AM | Dr Simerjeet K Gill, "Introduction to NEMNA workshop" Nuclear Science and Technology Department, BNL |
| <i>Session 1: Characterization of nanomaterials for nuclear applications</i> | | |
| <i>Session Chairs: Dr Amit Misra, Dr Emmanuelle Marquis and Dr Eric Dooryhee</i> | | |
| 8:55AM | 9:20 AM | Dr Nick Simos, Nuclear Science and Technology Department, BNL |
| 9:20 AM | 9:45 AM | Dr Amit Misra, "Characterization of ion irradiation damage in nanolayered composites", CINT, Los Alamos National Lab |
| 9:45 AM | 10:10 AM | Dr Emmanuelle Marquis, University of Michigan |
| 10:10 AM | 10:25AM | Coffee Break |
| 10:25 AM | 10:50 AM | Dr Paul Zschack, Photon Sciences , BNL |
| 10:50 PM | 11:15 PM | Dr Mitra Taheri, Drexel University |
| 11:15PM | 12:30 PM | Discussion on characterization of nanomaterials for nuclear applications |
| 12:30 PM | 1:30 PM | Lunch |
| <i>Session 2: Synthesis of nanomaterials for nuclear applications</i> | | |
| <i>Session Chairs: Dr Mohamad Al-Sheikhly, Dr Hanchen Huang and Dr Praveen Thallapally</i> | | |
| 1:30 PM | 2:00 PM | Dr Mohamad Al-Sheikhly, University of Maryland |
| 2:00 PM | 2:30PM | Dr Praveen Thallapally, "Nanostructured Metal Organic Frameworks for Nuclear Applications" Pacific Northwest National Laboratory |
| 2:30 PM | 2:45 PM | Coffee Break |
| 2:45 PM | 3:15 PM | Dr Maria Okuniewski, Idaho National Laboratory |
| 3:15 PM | 3:45 PM | Dr Nick Cunningham, "Recent Progress in the Development of Irradiation Tolerant Nanostructured Ferritic Alloys" Odette Research Group-UC Santa Barbara |
| 3:45 PM | 5:00PM | Discussion on Synthesis of nanomaterials for nuclear applications |
| 5:45 PM | 6:30PM | Dinner |
| Friday, March 1st, 2013 | | |
| Start | End | Events |
| <i>Session 3: Materials in extreme environments</i> | | |
| <i>Session Chairs: Dr Mike Demkowicz, Dr Jie Lian, and Dr Jacob Eapen</i> | | |
| 8:30 AM | 8:55 AM | Dr Mike Demkowicz, "Investigating radiation response of metals using ion beams and atomistic simulations" Massachusetts Institute of Technology |
| 8:55 AM | 9:20 AM | Dr Jie Lian, ""Materials Behavior under Extreme Environment: Nuclear Energy and Nano-scale Materials Design" Rensselaer Polytechnic Institute |
| 9:20 AM | 9:45 AM | Dr Esteban Russo, Ecole des Mines de Paris |
| 9:45 AM | 10:00 AM | Coffee Break |
| 10:00 AM | 10:25 AM | Dr James Dickerson, "Nanoscience and Nanotechnology Opportunities for Academia, High Tech Industry, and National Laboratories" Center for Functional Nanomaterials, BNL |
| 10:25 AM | 10:50PM | Dr Lynne Ecker, Nuclear Science and Technology Department, BNL |

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| 10:50M | 12:05 PM | Discussion on materials in extreme environments |
| 12:05 PM | 12:30 PM | Closing remarks/Summary |
| 12:30 PM | 1:30 PM | Lunch |