

## **Computational and Theoretical Advances for Exotic Isotopes in the Medium Mass Region**

April 8 - 12, 2013

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### **Monday, April 8, 2013**

#### **Room C421, Physics/Astronomy Tower**

- 11:00 am: Michael McNeil Forbes, INT  
"The DVR Basis: An Efficient Alternative to the HO Basis for Nuclear Physics"

### **Tuesday, April 9, 2013**

#### **Room C421, Physics/Astronomy Tower**

- 11:00 am: Thomas Papenbrock, Univ of Tennessee  
"Advances in nuclear structure calculations: extrapolations in finite model spaces and optimized chiral interactions at next-to-next-to leading order"

#### **Room C520, Physics/Astronomy Tower**

- 2:30 pm: Gustav R. Jansen, UTK and ORNL  
"Coupled-cluster theory for open-shell nuclei"

### **Wednesday, April 10, 2013**

#### **Room C421, Physics/Astronomy Tower**

- 11:00 am: Dean Lee, North Carolina State Univ  
"Nuclear structure and excitations from lattice effective field theory"

### **Thursday, April 11, 2013**

#### **Room C421, Physics/Astronomy Tower**

- 10:00 am: Takaharu Otsuka, Univ of Tokyo  
TBA
- 11:00 am: Michael Bender, Centre d'Etudes Nucléaires de Bordeaux Gradignan  
"Multi-reference energy density functional calculations: status, challenges, and perspectives"

### **Friday, April 12, 2013**

#### **Room C421, Physics/Astronomy Tower**

- 10:00 am: Francisco Barranco-Paulo, Univ of Seville  
"Interplay of collective and single-particle modes in the pairing properties of open shell nuclei"
- 11:00 am: Enrico Vigezzi, INFN Milano  
"Interplay of collective and single-particle modes in the continuum: structure and reactions"

**INT Program Participants April 8 – 12, 2013**

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**Please send or bring a .pdf or .ppt of your talk to Janine at [janine@phys.washington.edu](mailto:janine@phys.washington.edu)**

