

ICNT

International Collaborations in Nuclear Theory

Started in 2012

Bauer, Brown, Nunes (NSCL/FRIB)

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Taka Otsuka (RIKEN)

Motivations?

Experimental motivation:

- stimulate experimental programs
- resolve theory issues associated with ongoing or future exp
- address specific theory needs of the laboratory

Theory motivation:

- stimulate international collaborations
- coordinate theory efforts and programs

- complement the efforts of INT and ECT*
 - connect to these initiatives when appropriate

What is involved?

- **topical theory programs**

- one particular problem directly relevant to home lab
- 10-20 theorists get together for 2-4 weeks
- most of time spent on collaboration work
- could include several days of conference to get input from broader community

- **sabbatical theory visits to the laboratories**

- coupled to the programs when possible

What is involved?

ICNT board

- decision body that selects proposals and plan program for following year
- 1 theorist + 1 exp per lab + 1 external (total 7)

Alex Brown, Bill Lynch (NSCL/FRIB)

Hans Feldmeier, Christoph Scheidenberger (GSI)

Taka Otsuka, Hiroyoshi Sakurai (RIKEN)

Marek Ploszajczak (GANIL)

What is involved?

Funding:

- 1) NSCL/MSU: 50k from NSCL/MSU for 2013
- 2) GSI: Program supported in collaboration with the ExtreMe Matter Institute (EMMI)
- 3) RIKEN: initial response from very positive

First call for proposals

November 2012

Six proposals received

Three recommended

Chuck Horowitz	NSCL	Symmetry-energy in the context of new radioactive beam facilities and astrophysics (being held now at the NSCL)
Lucas Platter	GSI	Halo Physics at the Neutron Drip Line... (approved by the EMMI PAC in May)
Michael Famiano	RIKEN	Element Genesis and Cosmic Evolution (delayed due to lack of funding at RIKEN)

Next?

Proposals due November 2013

<http://frib.msu.edu/content/ICNT>

The long-term outcome will depend on support from NSCL, RIKEN and GSI

Please send your recommendations for continuation of support for the ICNT in 2014 that I can pass on the laboratory directors.

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