Working Group on Central Nuclear Reactions/EOS

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Working Group on Central Nuclear Reactions/EOS (US-China 6 degree of separation)

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FengShou Zhang (BNU) -- Bao-An Li -- Betty Tsang
YingXun Zhang (CIAE) -- Bao-An Li -- Betty Tsang
<table>
<thead>
<tr>
<th>Name</th>
<th>Collaboration Projects (successful collaborations between small groups)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pawel Danielewicz</td>
<td>Transport models, pion production, symmetry energy</td>
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<tr>
<td>Chuck Horowitz</td>
<td><strong>Exploring Neutrinosphere</strong>, a new HIC initiative for IMP and NSCL/FRIB</td>
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<tr>
<td>Bao-An Li</td>
<td>HIC theory collaborations</td>
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<tr>
<td>Y.G. Ma</td>
<td>RHIC STAR collaborations; TAMU personnel exchange</td>
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<tr>
<td>Betty Tsang</td>
<td>HIC Symmetry Energy (experiment &amp; theory); Transport model; SpiRIT collaboration; personnel exchange</td>
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<tr>
<td>Zhiyu Sun</td>
<td>Pion production at IMP; HIC@NSCL</td>
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<tr>
<td>Zhigang Xiao</td>
<td>Symmetry Energy, Fission at IMP, SpiRIT collaboration, NSCL experiments</td>
</tr>
<tr>
<td>FengShou Zhang</td>
<td>Transport model, HiRA upgrade, SpiRIT collaboration</td>
</tr>
<tr>
<td>YingXun Zhang</td>
<td>collaborative projects on EOS of Asymmetric matter; personnel exchange</td>
</tr>
</tbody>
</table>

Many successful collaborations between small groups
Working Group on Central Nuclear Reactions/EOS

To explore various forms of collaborative endeavors in experiment and in theory relevant to the science program of the Facility for Rare Isotope Beams (FRIB).
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“If I seem unduly clear to you, you must have misunderstood what I said” Alan Greenspan

DOE Perspective
China Perspective
organizers

Workshop participants
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Establish a task force to explore the best way to develop collaborative endeavors in experiment and in theory that fit the participants’ needs and the agencies expectations.
Suggestions from Working Group on Central Nuclear Reactions/EOS

Task force
1. Survey the needs from working scientists (not just the workshop participants which are biased and not representative of the community).
2. Best practice for successful collaborations
3. Find consensus on projects of mutual benefits and interest that fit into the agencies vision and mission.
4. Get funding and support.