

International Network

Summarized by Raab and Shoemaker

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Human Resources

- Allow freedom to explore
- Make visits possible, in various modes, long and short
- Think globally about needs and try to get the right skills to the right 'nodes' at the right time
- Take advantage of activities at other nodes to train people, to give them opportunities to participate in activities outside of their own endeavors

Coordination

- For R&D (as we now do for Data Analysis, and do for DetChar)
- For detector upgrades and larger-scale evolution
- For designs and ultimately subsystem production
- For observation (a la JRPC); consider SN ‘watch’
- And...
- Communication between funding agencies
 - With the funding agencies well informed by the GW field experts

Roadmaps

- Update, maintain, publish – use them!
- Improve the weakest links, but don't focus on equal sensitivity as a goal
- Think globally about how to make the network best taking into accounts the dynamic evolution
- Look at innovations in networking – one strong and 3-4 medium nodes?

What could we do immediately with modest resources?

- Enable visiting programs between 'nodes'
- Share development tasks independent of a given Project/Lab/Collaboration funding, e.g.,
 - Squeezing
 - Tiltmeters
 - Newtonian noise subtraction
- Fund meetings to facilitate Coordination and Roadmapping

What could we do with significant resources?

- Near term:
 - Build upgrade components in the most efficient fashion – production for all ‘nodes’
 - Significantly lower-thermal noise coatings; lower loss/scatter optics/components for squeezing
- Long term: Collaboratively build new detectors