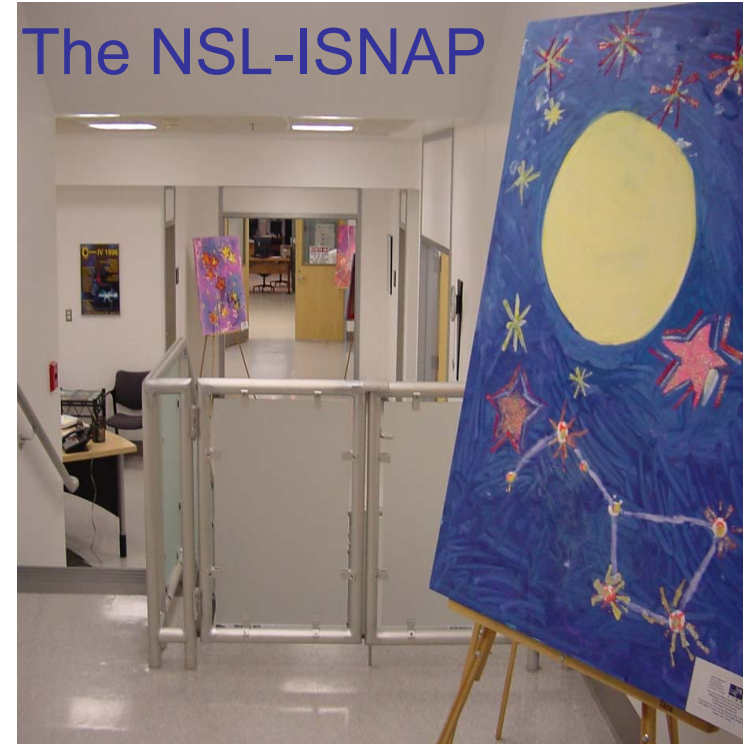




# JINA @ Notre Dame





# JINA and other centers

JINA has established close connections to the nuclear group and the astrophysics group at Notre Dame!

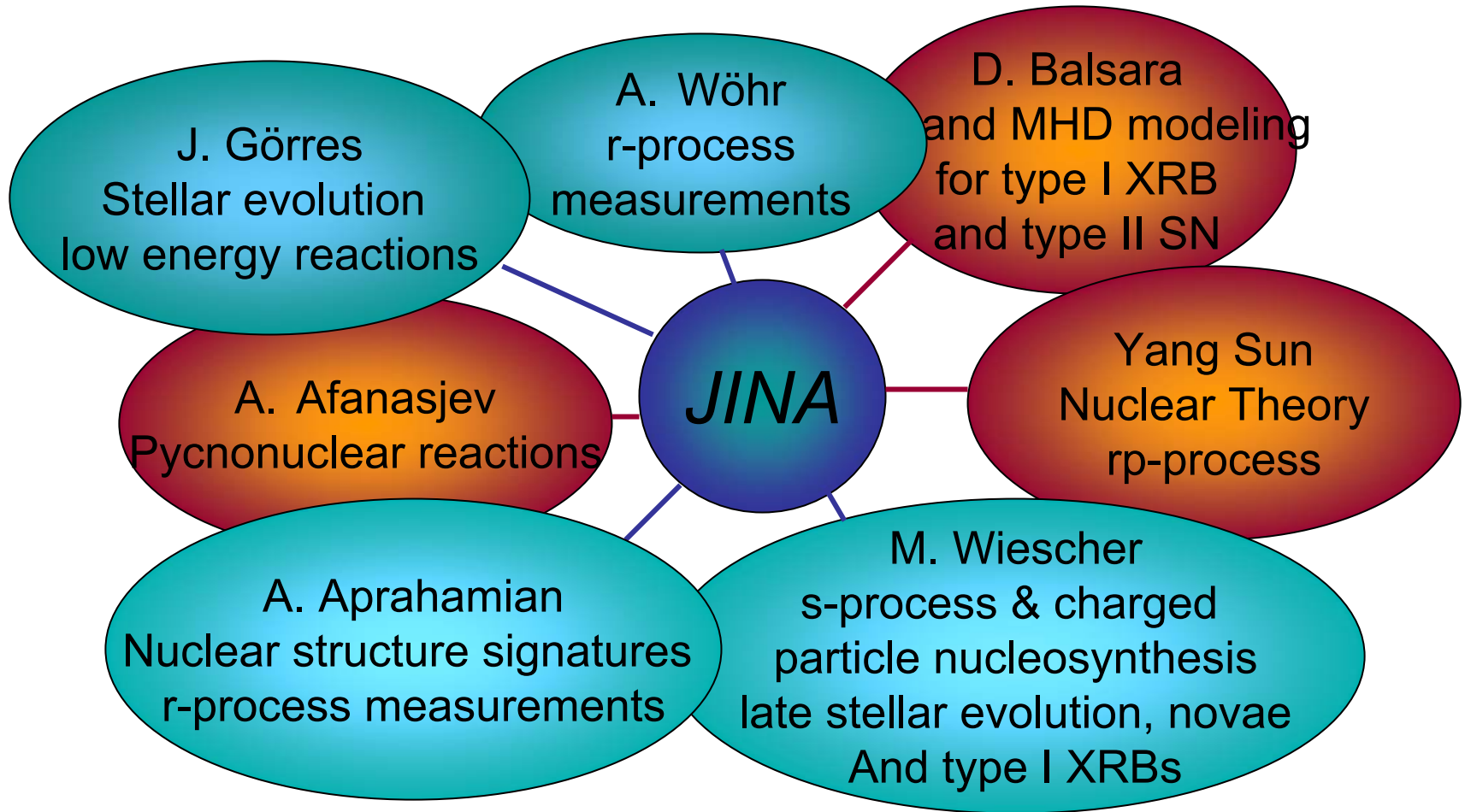
two university centers:

- **ISNAP** – Institute for nuclear **S**tructure & **N**uclear **A**stro**P**hysics
- **CANDU** - **C**enter for **A**strophysics at **N**otre Dame **U**niversity

Strong support by department & administration!



# Participating Faculty Members





# JINA Administration

Administrator:	Kathy Burgess, Notre Dame <a href="mailto:burgess.3@nd.edu">burgess.3@nd.edu</a> Chasidy Box, Michigan State <a href="mailto:box@nscl.msu.edu">box@nscl.msu.edu</a>
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# JINA at ISNAP

ISNAP – Institute for nuclear Structure and Nuclear AstroPhysics

<http://www.nd.edu/%7ensl/>

Newly supported University Research Center with additional 80K annual budget ~ 1.5 positions

- joint use of laboratory and computer facilities
- ISNAP has presently 20 grad students who participate in JINA research activities



# JINA and CANDU

JINA supports joint projects with CANDU:

- 1 CANDU graduates student (chem. evolution)
- ½ CANDU postdoc (r-process)

Potential of growth in collaboration with CANDU faculty

D. Balsara (HD and MHD computational modeling techniques)

C. Howk (2005) (r-process nucleosynthesis in distant galaxies)

Participation in LBT projects



# Faculty development

2004: one astronomer (Howk) hired

**with interest in early universe nucleosynthesis history**

2005: one theoretical nuclear physicist approved

**with interest in ...**

2006: one additional nuclear physics experimentalist proposed

**with interest in RIA physics and/or Nuclear Astrophysics**