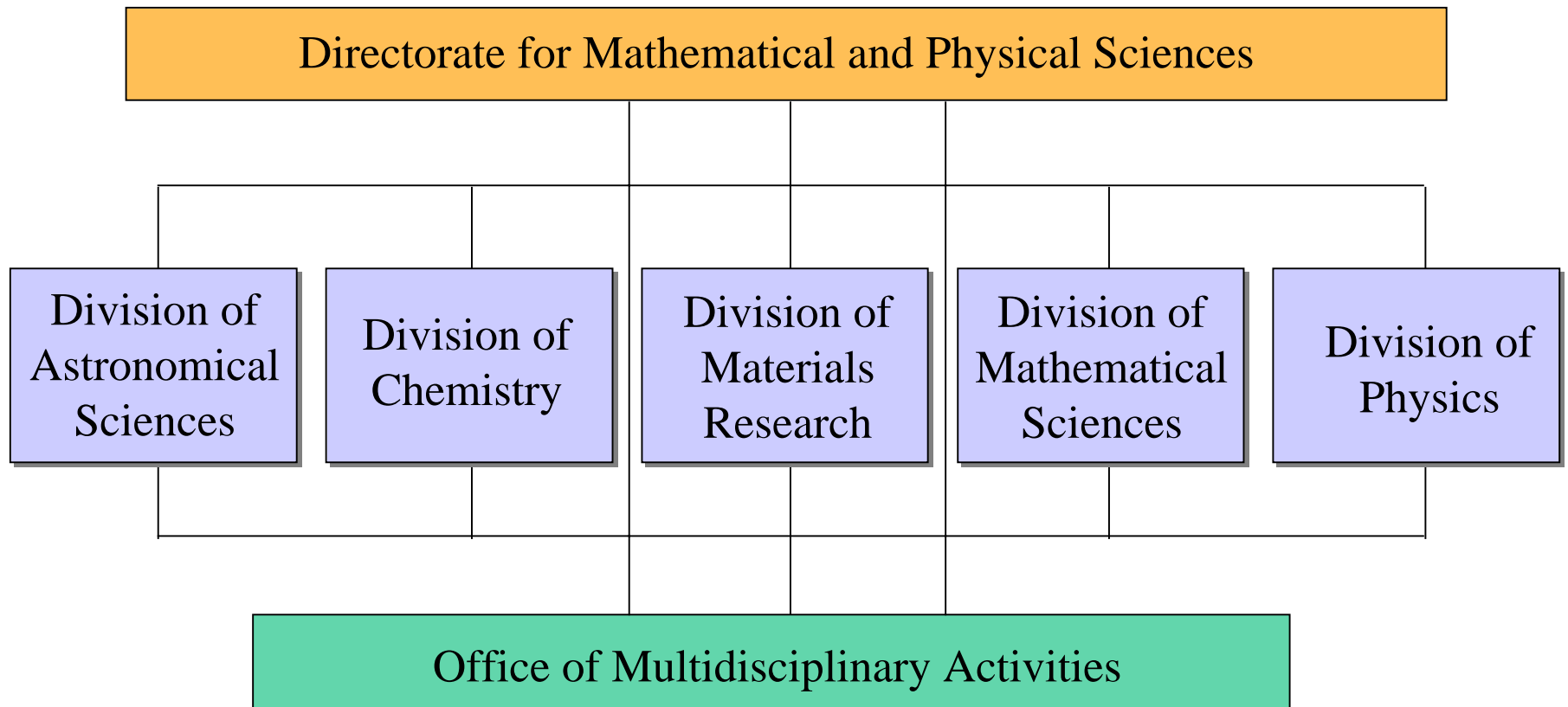
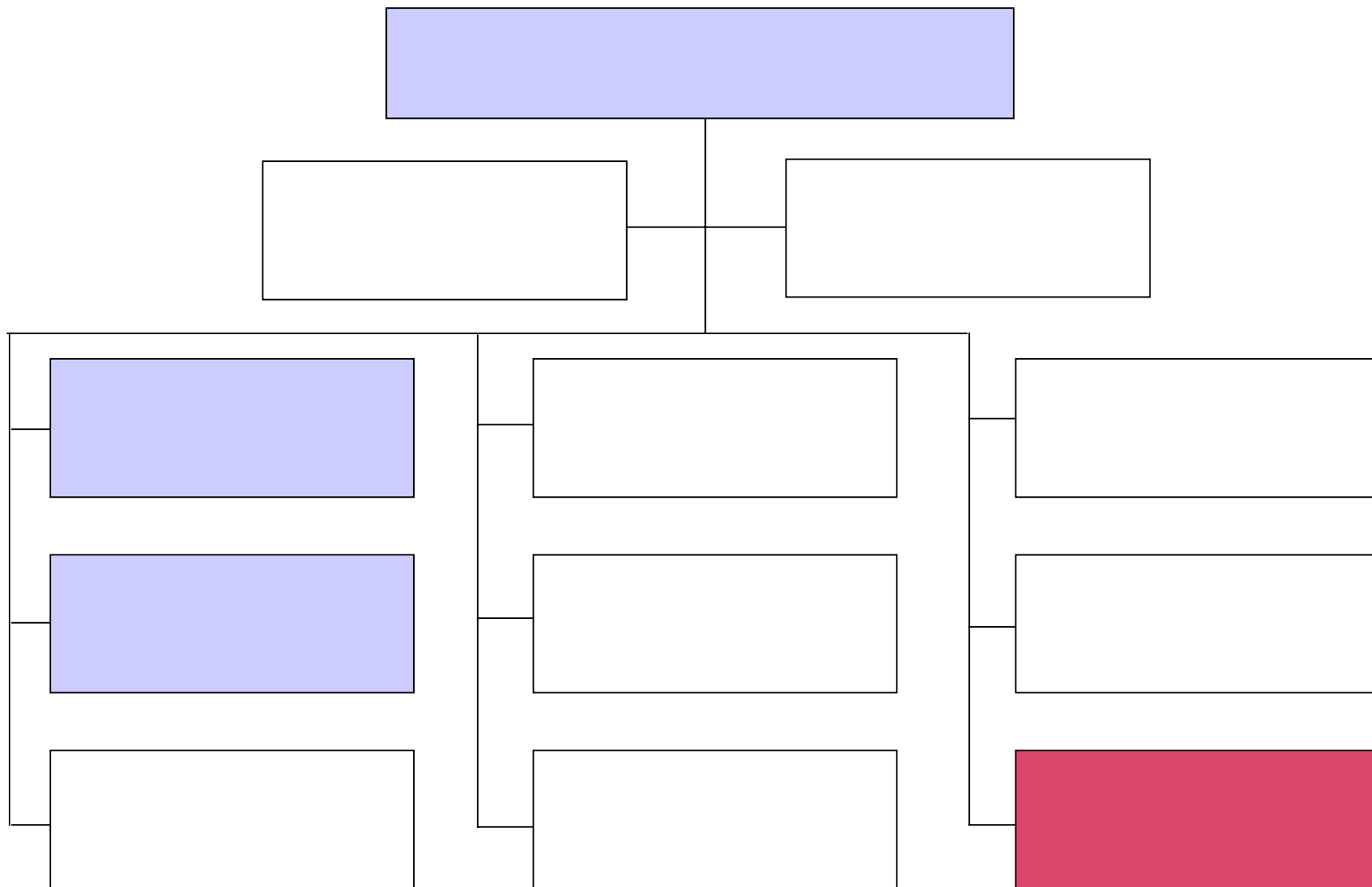


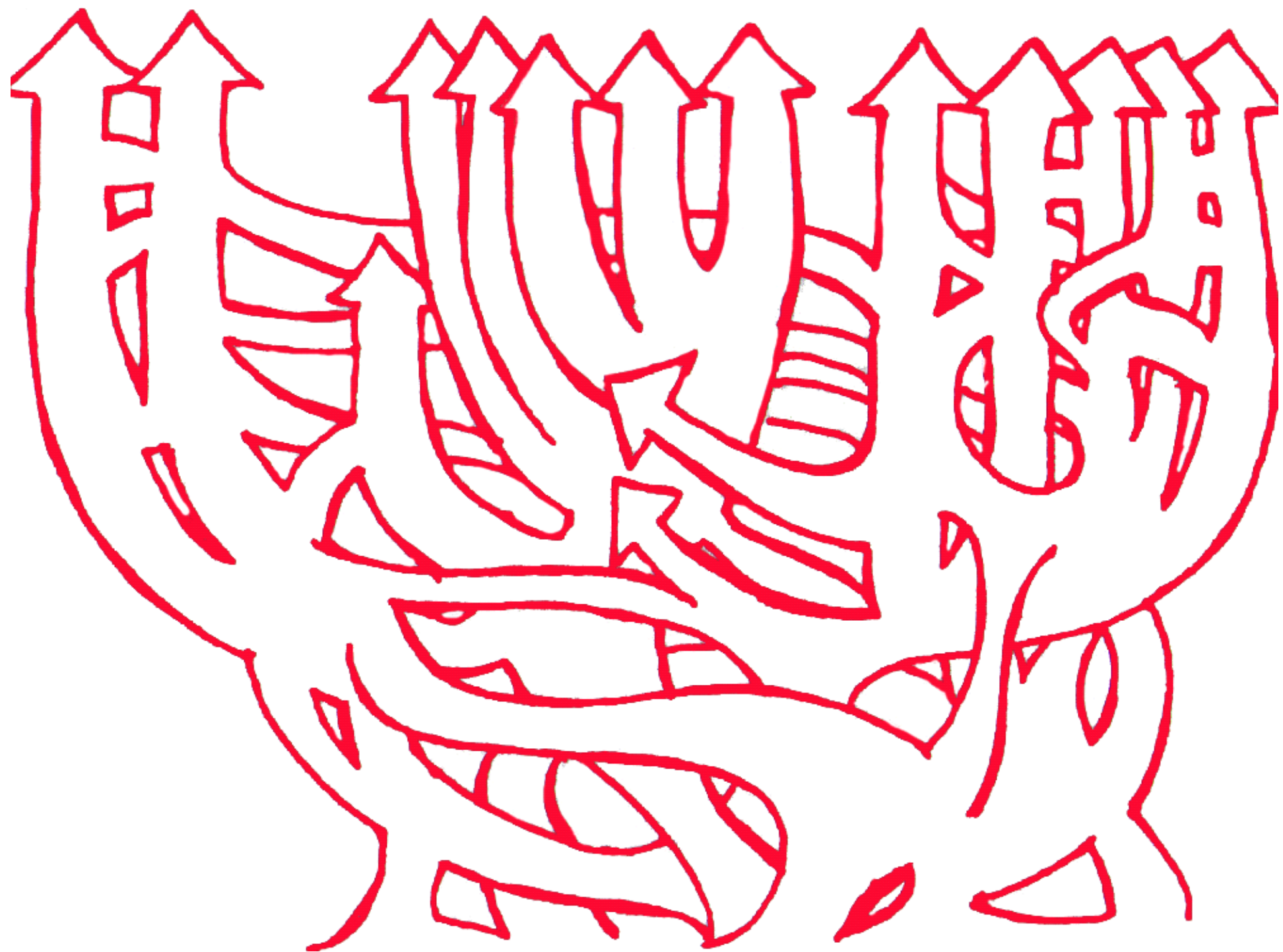
# **AN IRREDUCIBLE SET OF STRATEGIC GOALS**

- Intellectual Frontiers
- Connections
- Education
- Stewardship

# *MPS Structure*







## ***Physics Frontiers Centers***

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- Empower and embolden universities to make transformational advances in physics
- Provide mix of talent, tools, and scale needed
- Open, direct (re)competition across sub-fields
- Exciting, broad educational setting
- Strengthen diversity and outreach
- 5-yr., \$0.5M/yr. To \$4M/yr. Awards
- Goal is 25 PFCs, from 12 PFC-like activities now
- Compatible with other strategic goals

# ***PFC PRE-PROPOSALS***

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- 50 received, requesting \$454M/5 yrs.
- Primary institutions: broad distribution of universities (16 from top 20), colleges, HBCU and minority-serving institutions
- Topics: cosmology and astrophysics; particle physics; nuclear physics; gravitational physics; atomic, molecular, optical, and plasma physics; biophysics; computational physics; accelerator physics; turbulence; nanoscience; geophysics