

# Report from the Scientific Program Committee



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(University of Illinois)

USQCD All Hands meeting, Fermilab,  
20-21 April 2018



# 2018 Scientific Program Committee

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- Tom Blum
- Aida El-Khadra (chair)
- Steve Gottlieb
- Keh-Fei Liu
- Swagato Mukherjee
- Ethan Neil  
replaced Anna Hasenfratz
- David Richards

# Big Thank You to Anna!

- for chairing the SPC for three years
- and for working with the 2017 SPC to allocate the new resources at BNL in the middle of the 2017-2018 AY

# Available Resources

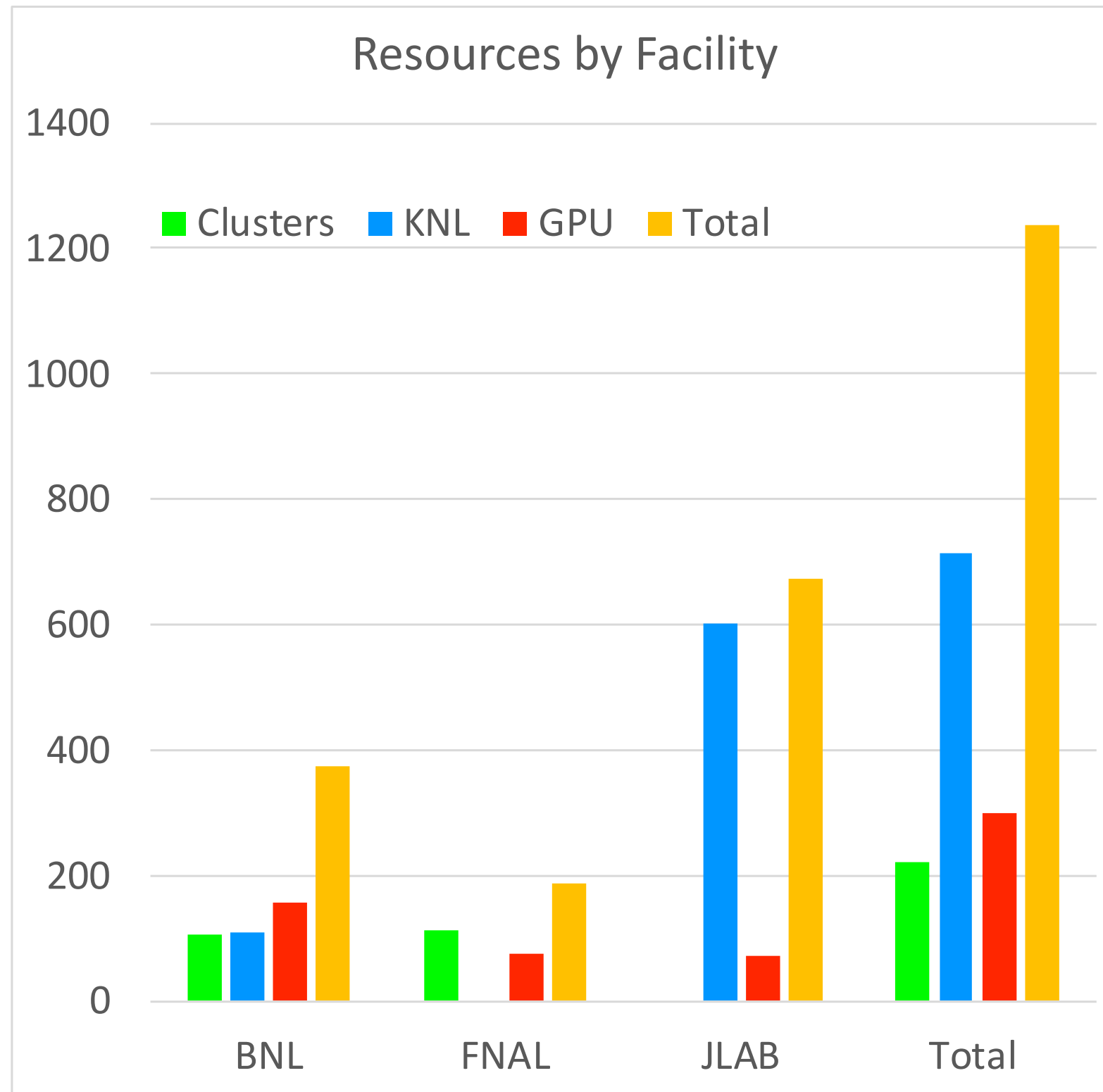
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- Clusters: 222 M Jpsi-h  
last year: 261 M Jpsi-h
- KNL: 714 M Jpsi-h  
last year: 360 M Jpsi-h
- GPU: 9.7 M GPU-h (~ 301 M Jpsi-equiv-h)  
last year: 8.4 M GPU-h
- Total: 1236 M Jpsi-equiv-h\*  
last year: 1210 M Jpsi-equiv-h\*

\*uses new conversions (see 2018 CfP)



# Available Resources



\*uses new  
conversions  
(see 2018 CfP)

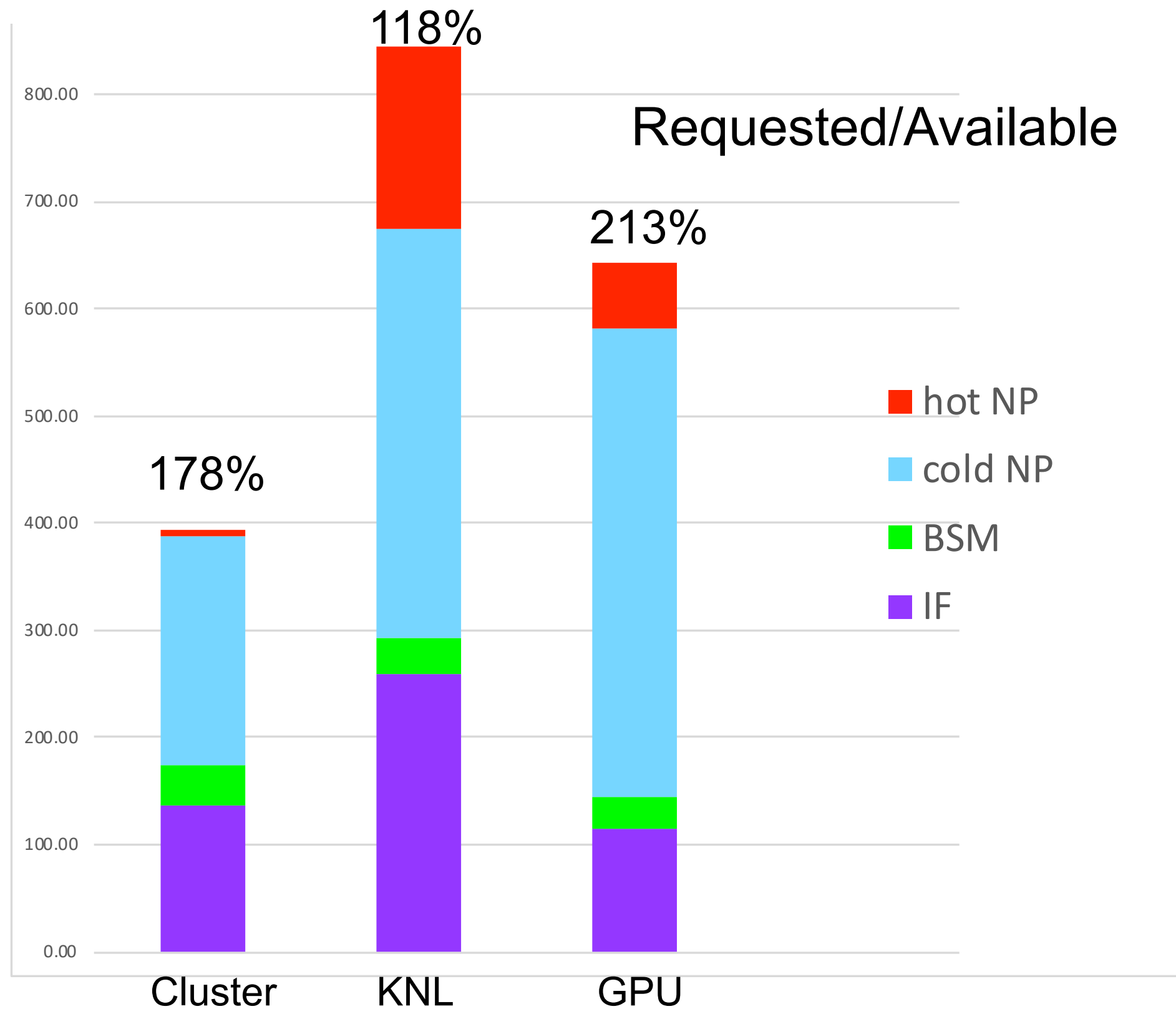
# 2018-2019 Proposals

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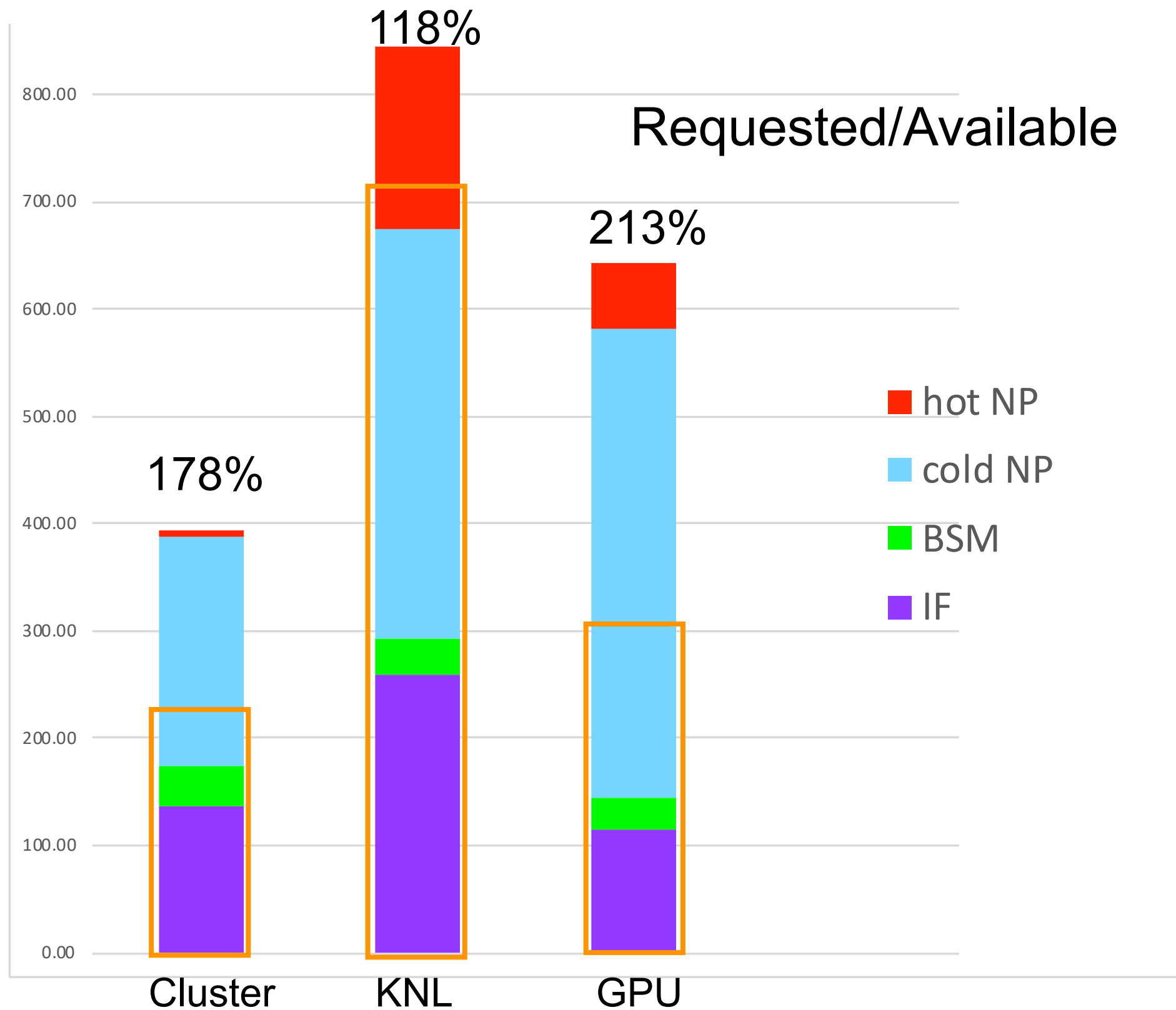
- 📌 31 Type-A proposals (35 last year)
  - ◆ 1 for configuration generation (QCD+QED) by MILC
  - ◆ 30 for physics analysis projects
  - ◆ no requests for Zero-Priority Time on Mira
- 📌 no Type-B proposals (5 last year)
  - can be requested at any time, up to 2.5 M Jpsi-h, 6 months

Proposals are a mix of continuations and new efforts

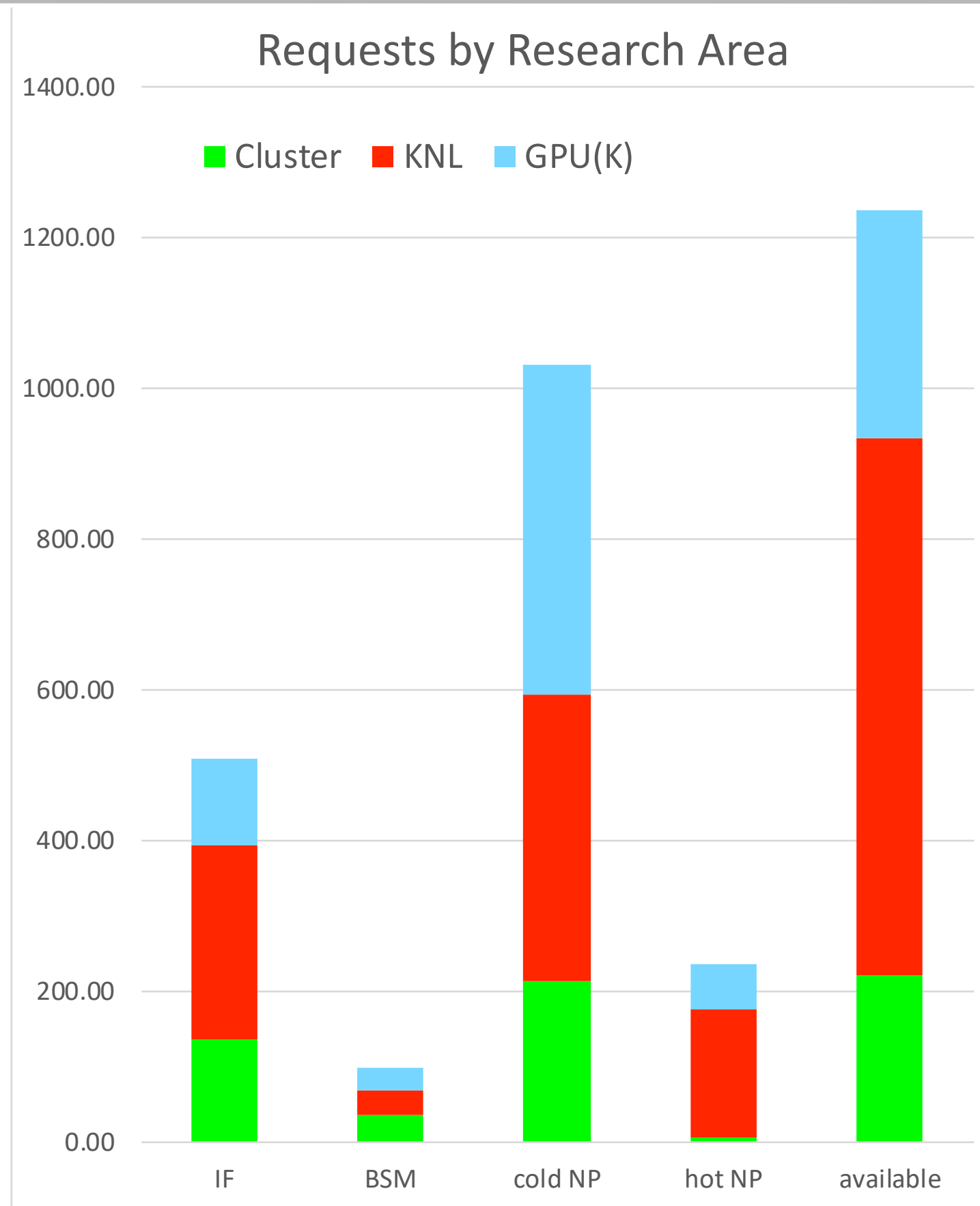
# 2018-2019 Proposals



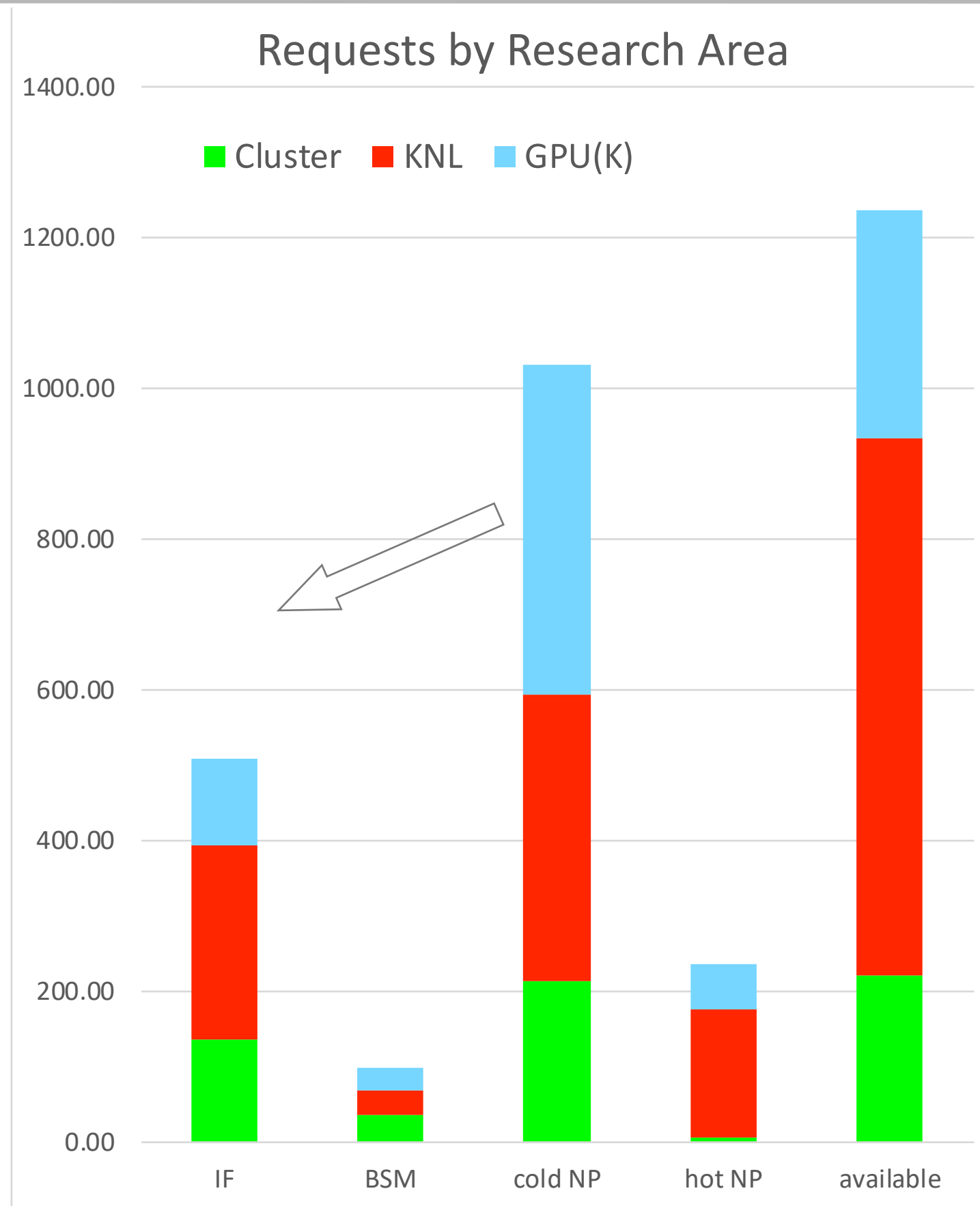
# 2018-2019 Proposals



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# 2018-2019 Proposals









# 2018-2019 Proposals

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SPC considerations:

-  scientific merit
-  alignment with USQCD goals, US HEP/NP programs
-  duplication of effort, redundancy
-  balance between HEP and NP

# Other Tasks

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- 📌 Update jeopardy policy in coordination with the three sites:
  - ◆ needs of the facilities
  - ◆ needs of the community
  - ◆ simple to implement and track
  - ◆ efficient monitoring of usage is essential
- 📌 participate in white paper planning
- 📌 Nominating committee for candidates for the EC election

# Candidates for the 2018 Election to the EC

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● Jack Laiho  
Syracuse University



● Christoph Lehner  
Brookhaven, High Energy Theory



● Huey-Wen Lin  
Michigan State University



● Meifeng Lin  
Brookhaven, Computational Science Initiative

# 2018 Election to the EC

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- The election for a new junior member of the Executive Committee will be held electronically after the All Hands meeting.
- You will receive an email from the SPC, asking for your help to finalize the electorate list. The electorate consists of all active USQCD members who have positions in the US at the postdoctoral level or above.