

EIC Theory in the next decade

CFNS workshop, Sept.20-22, 2022, MIT

Discuss the needs and challenges of EIC theory

65 participants

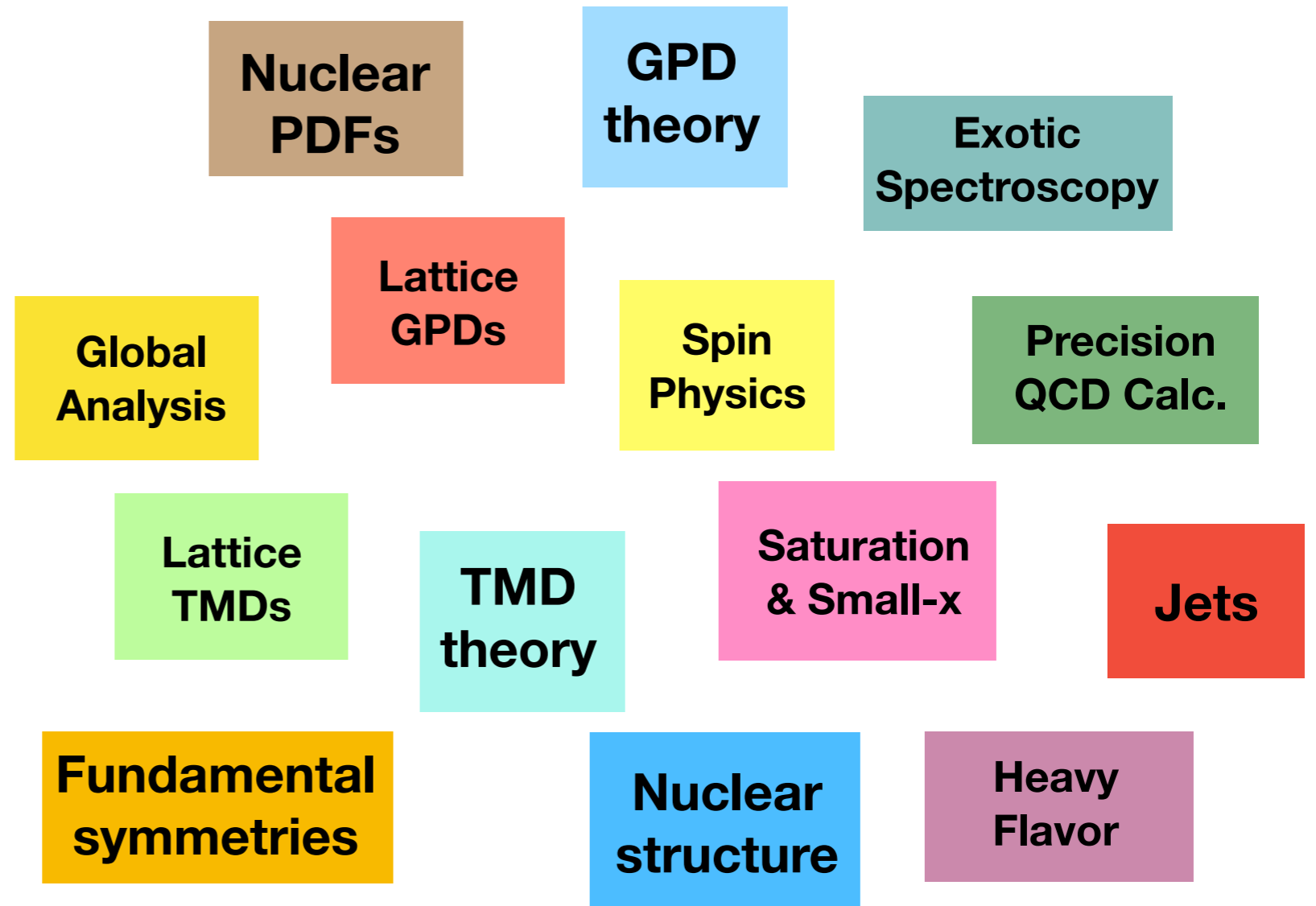
15 talks

review and summaries

7 open mic discussions

<https://indico.bnl.gov/event/16740/>

Workshop summary writing
committee of 18 faculty
(including 8 early career)

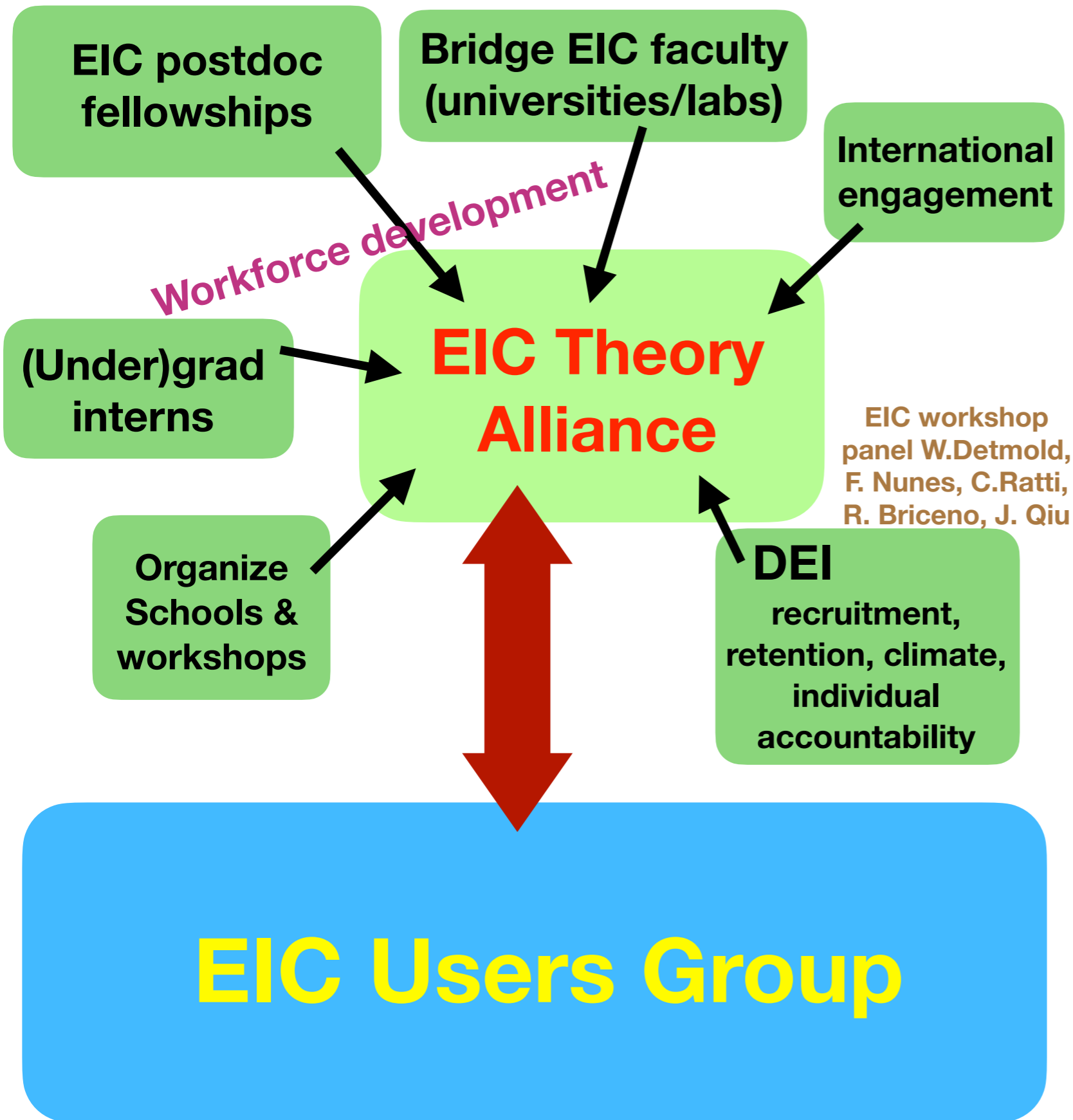


Organizers: Peter Petreczky (BNL), Ian Cloët (ANL), Dmitri Kharzeev (Stony Brook University/BNL), Xiangdong Ji (University of Maryland), Jianwei Qiu (JLab), Phiala Shanahan (MIT), Iain Stewart (MIT), Ivan Vitev (LANL), Feng Yuan (LBNL)

Resolution:

“We recommend the establishment of a national EIC theory alliance to enhance and broaden the theory community needed to advance EIC physics goals and the experimental program. This theory alliance will develop a diverse workforce through a competitive national EIC theory fellow program and tenure-track bridge positions, including appointments at minority serving institutions.”

Why? Fully exploiting scientific opportunities across the breadth of the EIC experimental program will require coordinated and sustained development of the theory workforce.



Prior experience:
RIKEN-BNL (RHIC)
Jlab Theory (Jlab)

FRIB Theory Alliance (FRIB)

