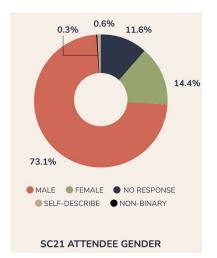
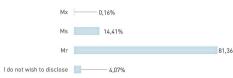


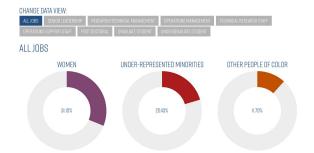
State of Women in HPC



ATTENDEE GENDER



DEMOGRAPHIC DATA FOR THE NATIONAL LABS

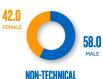


TYPES OF JOBS	TOTAL	WOMEN	WOMEN %	URM	URM %	OPC	OPC %
Senior Leadership (Director/President, Deputy Director/Vice President, Associate Lab Director)	324	118	36.42%	39	12.04%	18	5.56%
Research/Technical Management (first-line and mid-level) (Engineering Management, Research Management, Technical Management)	5,200	1,031	19.83%	637	12.25%	582	11.19%
Operations (or Research Support) Management (Business Management, Computer Systems, Communications, ESHQ, Facilities Dys, HR, Legal, Tech Transfer, Strategic Planning)	5,417	1,898	35.04%	974	17.98%	273	5.04%
Technical Research Staff (Non-management: Researchers, Scientists, or Engineers)	30,233	6,195	20.49%	3,925	12.98%	4,417	14.61%
Operations Support Staff (Non-management: support roles)	26,573	11,673	43.93%	8,495	31.97%	1121	4.22%

2019 GLOBAL* EMPLOYEE BASE









EXECUTIVES

EMPLOYEE DEMOGRAPHICS

Active employees, 2021

	MEN	MEN (%)	WOMEN	WOMEN (%)	TOTAL
mployees (regular full-time and part-time) by r	egion and gender				
Americas	14,655	69.24%	6,489	30.66%	21,167
Asia Pacific and Japan	15,681	66.94%	7,742	33.05%	23,425
Europe, Middle East, and Africa	9,222	64.31%	5,113	35.66%	14,339
Total	39,558	67.13%	19,344	32.82%	58,931
mployees (regular full-time) by employment ty	pe and gender				
Executives	301	78.39%	83	21.61%	384
Directors	975	74.48%	334	25.52%	1,309
Managers	3,395	72.14%	1,310	27.84%	4,706
Professionals	32,546	68.77%	14,752	31.17%	47,326
Other	2,241	47.17%	2,510	52.83%	4,751
Technical Staff ³⁸	16,979	82.08%	3,691	17.84%	20,685

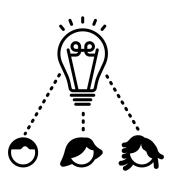






Why Does This Matter?

- Diverse workplaces see better outcomes
- Conference attendance is important for career progression and building networks
- Enable people of all demographics to share in opportunities and access













Equity and Technical Leadership

- Equity: the treatment of persons by an organization
 - Often seeks to achieve parity through interventions

 Technical leadership: the skills to direct and manage technical projects effectively

What can and should be done to promote gender equity in HPC, especially at the leadership level?







Panelists

Panelists	Role/Title	Affiliation/Institution
Tina Declerck	Division Deputy for Operations, Systems Department Head	NERSC
Lena Lopatina	Deputy Project Lead for Computer Science, Lagrangian Applications Project	LANL
Maria-Grazia Giuffreda	Associate Director for the User Program and Strategic Roadmaps	CSCS
Azita Sadri	Engineering Project Manager	HPE

Moderator: Lipi Gupta, Science Engagement Engineer, NERSC







Women in HPC Presents: **Equity in Technical Leadership**









Some Starting Questions...

- 1. How have you navigated your path to technical leadership? Can you talk about any obstacles and any strategies you used to overcome them?
- 2. What should the community be doing to move the HPC field toward equity in technical leadership?
- 3. What would success look like if there were equity in technical leadership?

...and other questions from the audience.





