

POSTCONVENTION WORKSHOP

W-4: High-Performance Computing – What Does the Future Look Like?

George R. Brown Convention Center, Room 360

Start	Stop	Presentation	Speaker	Affiliation
8:30 AM	8:40 AM	Welcome message, goals and agenda overview	Madhav Vyas	BP
8:40 AM	9:00 AM	HPC and subsurface technical disciplines: The end of a long and amorous relationship?	John Etgen	BP
		Session 1: Three perspectives on how organizations are making decisions about on-premise HPC versus cloud tools		
9:00 AM	9:12 AM	Service company perspective on HPC and cloud strategies	JJ Heyd	Ion Geophysical
9:12 AM	9:24 AM	Energy company perspective on HPC and cloud strategies	Alex Loddock	Chevron
9:24 AM	9:36 AM	Academic perspective on HPC and cloud strategies	Dan Stanzione	Texas Advanced Computing Center
9:36 AM	9:56 AM	TBD (perspectives on HPC on the cloud from a cloud provider)	Mik Isernia	Amazon Web Services
9:56 AM	10:11 AM	Panel Discussion		
10:11 AM	10:25 AM	Break		
10:25 AM	10:45 AM	Custom HPC HW, from simulation to ML	Mauricio Araya-Polo	Total
		Session 2: Two perspectives on how organizations are training for HPC and cloud skills, and matching skills to projects		
10:45 AM	10:50 AM	Energy company perspective on HPC/cloud training and skills	Elizabeth L'Heureux	BP
10:50 AM	10:55 AM	Academic perspective on HPC/cloud training and skills	Eileen Martin	Colorado School of Mines
10:55 AM	11:05 AM	Panel Discussion	moderated by organizers	n/a
11:05 AM	11:35 AM	Brainstorming an HPC/cloud challenge activity for future workshop (moderated small group activity)	moderated by organizers	n/a
11:35 AM	11:55 AM	HPC in Oil and Gas – which direction?	Keith Gray	Intel