



October 2015

Welcome to the October 2015 Women in High Performance Computing newsletter

Women in HPC at SC15

It is now less than six weeks until the beginning of SC15 and the most exciting Women in HPC program that we have ever run! We will not only be hosting our third international Women in HPC workshop but also a 'Birds of a Feather' discussion, and a roundtable discussion on improving diversity in collaboration with Data Vortex Technologies (<http://www.datavortex.com/>).

Women in HPC roundtable reception in collaboration with Data Vortex Technologies - Tuesday 17 November 2015

Data Vortex Technologies will be hosting a reception for Women in HPC where we hope to build a roadmap to improving gender diversity with a specific focus on what conferences such as Supercomputing should do to encourage female participation. We will be bringing together women from across the community to discuss what actions the community should take. This will be an invitation only event, but if you would like to be involved please contact Toni Collis (info@womeninhpc.org.uk) by Friday 9 October 2015.

Women in HPC Workshop - Friday 20 November 2015

The third international Women in HPC workshop will build on our work at SC14 and ISC15. Once again we will bring together those interested in building a more diverse HPC community to discuss the barriers we face and how to improve equality in the field. The opening talk will discuss where we are today, how to gather demographic information of the HPC community and why we should all take an active role in improving diversity as well as the challenges this creates. Two panels will take the discussion forward: the first discussing careers in HPC with the panellists sharing advice on overcoming obstacles facing women in HPC community with panellists including Suzanne Talon (Compute Canada) and Julia Andrys (Murdoch University). The second panel will discuss how to improve the representation of women at conferences. Chaired by SC14 chair, Trish Damkroger, the second panel includes Bernd Mohr, the chair for SC17 alongside Kelly Nolan (Compute Canada), Sharon Broude Geva (University of Michigan) and Wendy Wilhelm (Intel). We hope this provides an engaging discussion for everyone on the steps we should all be taking to encourage women to attend conferences. Finally, as one of the goals of Women in HPC is to showcase the work of women in the field we will once again be hosting talks and posters by a group of exceptional early career women from around the world

discussing topics as varied as checkpointing, molecular simulation and cloud computing.

Women in HPC BoF: Pathways and Roadblocks - Wednesday 18 November 2015

Within certain sub-disciplines and occupational categories in HPC, women comprise a higher percentage of the population than the overall average. In this BOF, we seek to understand what makes these subfields so successful in attracting women, and how other subfields might emulate their successes.

To take part in the BoF and Workshop please note you will need to register for the appropriate SC15 passes. Early bird registration closes on October 15, so please register soon at <http://sc15.supercomputing.org/register>.

For further details on all of our events at SC15 please visit: <http://www.womeninhpc.org/events/women-in-hpc-at-supercomputing-2015/>.

Careers for Women in HPC UK: Powering your way to a career in High Performance Computing

September 2015

In collaboration with the British Computer Society (BCS) WHPC ran a careers day in London, discussing the different career opportunities for women in HPC, and providing information on making the most of your chosen career path. The day included talks from women working with HPC in the media, academia and selling HPC technologies. Many of the attendees found that their favourite, but also 'scariest' part of the day was the speed networking event, which according to some 'is a lot like speed dating, just for HPC!' There was also advice on asking for a payrise and how to make the case to your boss that you deserve one.

Software Carpentry for Women, UK

14th-15th December 2015, Manchester, UK

As part of our training programme we are running a 2 day Software Carpentry workshop for Women in Science and Engineering (WiSE) in collaboration with the Software Sustainability Institute (SSI) and the UK National HPC Service, ARCHER. This event will be held at University of Manchester, UK, in early December 2015. Software Carpentry workshops help researchers become more productive by teaching software development skills that enable more to be done, in less time, and with less pain. We will cover skills including version control, task automation, good programming practice and automated testing. These are skills that, in an ideal world,

researchers would master before tackling anything with "cloud" or "peta" or "HPC" in their name, skills that enable researchers to optimise their time and provide them with a secure basis to optimise and parallelise their code.

For details and registration please

visit http://www.archer.ac.uk/training/courses/2015/12/sw_carp_manchester/

And one final thing: HPCWire Readers Choice Awards

We are delighted that we have been nominated for the HPCWire Readers Choice Awards! If you like what we do please consider voting for us by this Friday (9th October):

<http://www.hpcwire.com/2015-hpcwire-readers-choice-awards/>

Stay in touch!

Please don't forget you can keep up to date with Women in HPC on [Facebook](#), [LinkedIn](#) and [Twitter](#):

If you have any suggestions, comments or items you would like to include in future newsletters please get in touch by [email](#). We are particularly keen to here from event organisers or programmes that are keen to recruit women and would like to have their information shared in the Opportunities section of our newsletter.