UNIVERSE-HPC

Weronika Filinger – EPCC, The University of Edinburgh

Scientific Software and the People Who Make It Happen: Building Communities of Practice

Hamburg, 23 May 2023

UNIVERSE-HPC

Understanding and
Nurturing
an **I**ntegrated **V**ision for
Education in **RSE** and **HPC**

University of Edinburgh
University of Oxford
University of Southampton
Imperial Collage of London
British Computer Society

www.universe-hpc.ac.uk

UNIVERSE HPC

Competencies and Skills	Learning Pathways	Course Development + Delivery	Community Support + Contributions
Identify the competencies and skills required by RSEs as they progress through their careers. Understand where these competencies are already being taught.	Define different curriculum, learning pathways, and delivery mechanisms for providing training in RSE competencies, including as taught programmes, online/self-paced learning and professional development.	Development of missing modules. Packaging of existing and new modules into different formats. Pilot delivery of courses.	Facilitate professional networking and peer support for RSEs. Develop a community of maintainers for open materials.

Equity, Diversity and Inclusion

Slide content: Neil Chue Hong

Engaging the community

- Survey to understand the skills required by RSEs working in HPC

- Byte-sized RSE series (https://codeforthought.buzzsprout.com/1326658)
  - Byte-sized RSE is a new series of short interactive tutorial sessions where you can learn key skills to improve how you write and manage your research software in just 1 hour!

- We are looking for case studies! Please share!

- Workshops and events coming up!

Get in touch!

Website:

https://www.universe-hpc.ac.uk

Email:
- Weronika Filinger – w.filinger@epcc.ed.ac.uk
- Jeremy Cohen – jeremy.cohen@imperial.ac.uk
- info@software.ac.uk