

IHPCSS Orientation & Mentoring Intro

IHPCSS 2024
Kobe, July 7
Weronika Filinger



IHPCSS'24 Mentoring Committee

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Code of Conduct



It's on the IHPCSS website and on the Moodle



Outlines expected and unacceptable behaviors as well as the consequences of unacceptable behavior



Describes the reporting process:

Notify the CoC committee member
Anonymous form (linked from the website)



Be supportive and considerate of other people

Health and Safety Policy

▶ Available at:

<https://ss24.ihpcss.org/health-safety-policy/>

▶ Includes:

- ▶ Responsibilities and Recommendations
- ▶ Procedure for emergencies and incident reporting

It is important to report any incidents or injuries, no matter how minor they may seem, to ensure the safety and well-being of all participants.

You are responsible for your own security and safety during the time not spent in the sessions.

Expectations

You are expected to:

- ▶ Follow the code of conduct;
- ▶ Follow the health & safety policy;
- ▶ Attend all sessions;
- ▶ Wear your IHPCSS identification badge provided at the registration;
- ▶ Once you select a track - stick with it;
- ▶ Ask questions!

Goals of IHPCSS

- ▶ Help you assess or re-assess where you are in your career and what your interests are;
- ▶ Give you a chance to connect with your peers from around the world (practice your networking skills);
- ▶ Show you different career options;
- ▶ Provide career development guidance;
- ▶ Teach you some HPC basics;
- ▶ Make you aware of some HPC tools, techniques and best practices;

Mentoring

What is this about?

What is mentoring?

- ▶ Partnership between two people (for a set amount of time) based on mutual trust and respect
- ▶ Mentor shares advice, guidance, support, perspective
- ▶ Two kinds:
 - ▶ Near-Peer Mentors - returning summer school students
 - ▶ Staff Mentors - presenters (usually more senior in their careers)
- ▶ You have been assigned a mentor
 - ▶ They are your initial contact
 - ▶ Seek other mentors
 - ▶ Use your mentor's network to make connections

IHPCSS mentoring topics

- ▶ Non-technical mentorship:
 - ▶ Career progression
 - ▶ Work-related issues of all kinds
 - ▶ Work-life balance
 - ▶ Difficult situations
 - ▶ Working remotely
 - ▶ Personal Resilience
 - ▶ Networking and inter-personal skills
 - ▶ Combining career with children
 - ▶ Time management
 - ▶ Applying for... grants, funding, jobs etc.

Start pondering your one-on-one questions

Mentoring Myths

It is NOT true that:

- ▶ Your mentor knows all the answers
- ▶ You must do what your mentor says
- ▶ You must be in the same science field as your mentor
- ▶ Your mentor can't offer advice because they didn't have your exact problem
- ▶ Your peers can't mentor you

Mentor Groups

- ▶ Please respect everyone's confidentiality
- ▶ Be understanding

We have different backgrounds and personalities

- ▶ The pairing is just a best guess

If there is an issue, let someone from the mentoring committee know.

Returning Mentors - Riken

- ▶ Mariia Ivonina
(IHPCSS'22)
- ▶ Sameer Deshmukh
(IHPCSS'23)



Returning Mentors - Europe



▶ Jolanta Zjupa
(IHPCSS'16)



▶ Tiago Pestana
(IHPCSS'18)



▶ Lorenz Canaval
(IHPCSS'14)

Returning Mentors - USA



▶ Aly Badran
(IHPCSS'17)

▶ Michelle Kuchera
(IHPCSS'12)



Mentors / Staff members

Weronika Filinger
(EPCC, UK)



Scott Callaghan
(USC, USA)



Mentors / Staff members

Elsa Gonsiorowski
(LLNL, USA)



Ilya Zhukov
(Jülich SC, Germany)

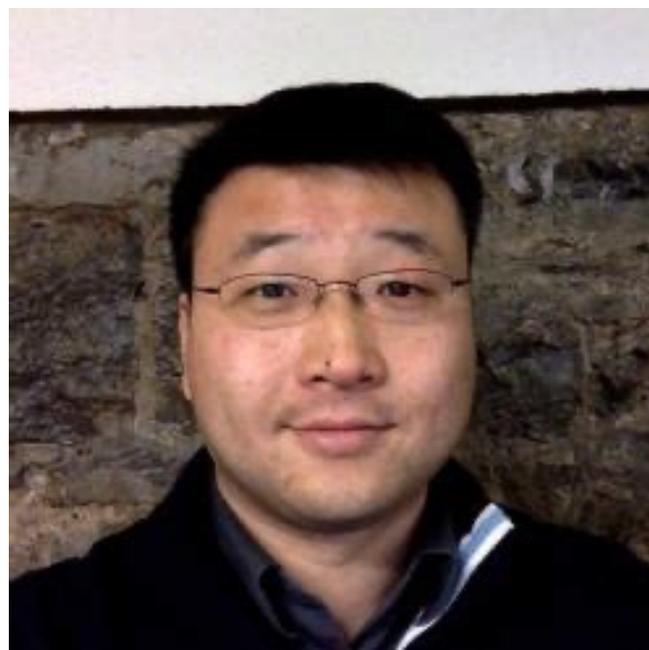


Mentors / Staff members

Jay Alameda
(NCSA, USA)



Simon Wong
(ICHEC, Ireland)



Mentors / Staff members

Sarah Beecroft
(Pawsey SC, Australia)



Erik Lindahl
(Stockholm University,
Sweden)

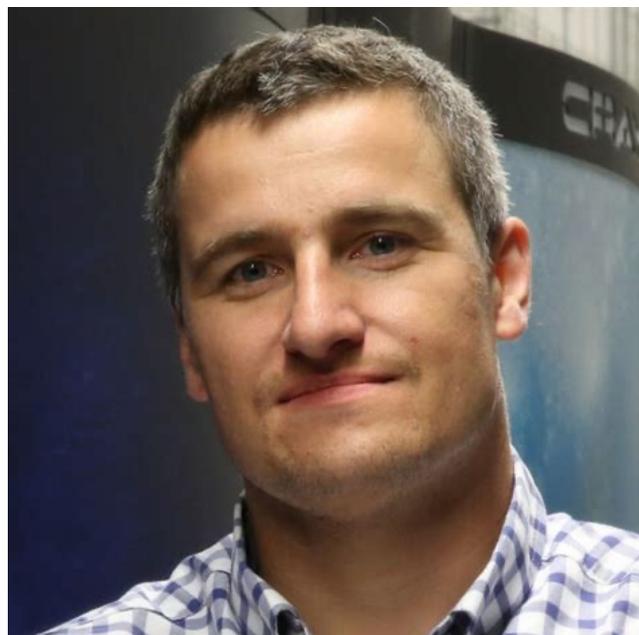


Mentors / Staff members

Estela Suarez
(Jülich SC, Germany)



Maciej Cytowski
(Pawsey SC, Australia)



Mentors / Staff members

Andrew Kirby

(University of Wyoming,
USA)



Ramses van Zon

(University of
Toronto)



Mentors / Staff members

Toshiyuki Imamura
(RIKEN, Japan)



Samantha Wittke
(CSC, Finland)



Mentors / Staff members

Sebastian Kuckuk
(Erlangen NHPC,
Germany)



John Towns
(University of
Illinois, USA)



Mentors / Staff members

James Willis

(University of Toronto)



Eric Wernert

(Indiana University, USA)



Mentors / Staff members

John Cazes
(TACC, USA)



Tom Cheatham
(University of Utah, USA)



Mentors / Staff members

Denis Willsch

(Jülich SC, Germany)



Erwin Laure

(Max Planck CDF, Germany)



Mentors / Staff members

Bryon Gill
(PSC, USA)



Ludovic Capelli
(EPCC, UK)



Mentors / Staff members

Takemasa Miyoshi
(RIKEN, Japan)



Practice your people skills!

- ▶ Networking
- ▶ Good communication skills - ability to talk about your work with anyone, regardless of their background.
- ▶ Good presentation skills.
- ▶ Maintaining cordial relationships with people you don't really like but need to interact with.

Networking

Networking is about creating and making use of both formal and informal connections with other people to develop your career.

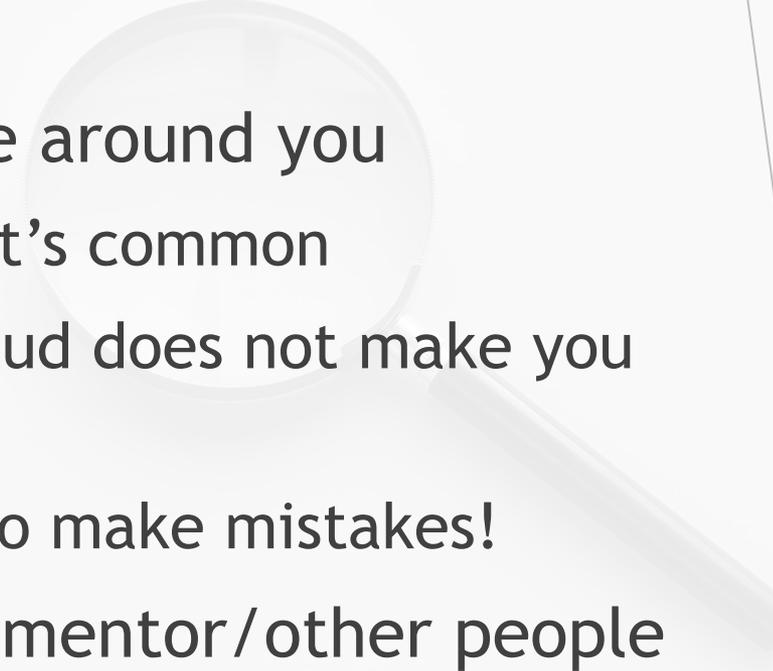
Networking

- ▶ **IT'S NOT EASY!**
- ▶ Don't wait for the 'right' people to discover you, find them yourself.
- ▶ The ability to pick the right approach comes with experience
- ▶ Hone your ability to talk about your work with anyone, regardless of their background.
- ▶ Learn how to maintaining cordial relationships with people you don't really like.

Imposter Syndrome

- ▶ Feeling like
 - ▶ “I don’t belong here” or
 - ▶ “I’m under qualified” or
 - ▶ “I’ve tricked someone to be here” or
 - ▶ “I’m a fraud”
- ▶ Not obvious and not always talked about
- ▶ Felt by everyone at some point
- ▶ Normal reaction to environment

Imposter Syndrome



- ▶ Help support those around you
 - ▶ Remember that it's common
 - ▶ Feeling like a fraud does not make you a fraud
 - ▶ Don't be afraid to make mistakes!
- ▶ Try talking to your mentor/other people about it
- ▶ Fake it till you make it - don't let it hold you back!

Resilience

The ability to adapt, deal with unpleasant things and bounce back. It's neither about silently enduring nor letting go of everything. It's your capacity to recover the mental balance quickly and with a minimum damage.



Resilience

- ▶ Figure out what effects you negatively and learn how to cope with it
- ▶ Know yourself - the good (use it to your advantage) and the bad (work around it).
- ▶ Always put yourself first
- ▶ Find your place
- ▶ Work towards achieving work-life balance
- ▶ Have a hobby
- ▶ **Rest and get enough sleep!**

Work-life balance - It's about YOU!

- ▶ It's your life and it's your work
- ▶ **Make Yourself a priority**
- ▶ Understand your goals
 - ▶ What is the most important to you?
 - ▶ What do you want to achieve now?
 - ▶ Where do you want to be in the future?
- ▶ Manage your time vs. energy

	URGENT	NOT URGENT
IMPORTANT	CONCENTRATE DO IT NOW	CONCENTRATE SCHEDULE IT
NOT IMPORTANT	DELEGATE OR AUTOMATE	ELIMINATE DROP IT

Mentoring Schedule

Sunday	NOW	Introduction to mentoring
Monday	11:35 - 12:30 Lunch 12:30-14:00	Career paths & Returning mentor lightning talks Group meeting & goal setting
Wednesday	11:30-12:30	One-on-one with your mentor
Thursday	11:30-12:30	Resource Fair
Friday	9:45-10:45	Career Breakout groups
Afterwards	Email, Facebook, LinkedIn	Stay in touch

Goal Setting

- ▶ Goal setting chat on Monday (during lunch)
- ▶ Have a look at the ‘planning worksheet’ handout and think about your goals for this week
- ▶ Being intentional will help you get the most out of this event

Planning Worksheet

Set intentions for your time at the summer school

Goal Setting

During lunch on Monday, we are asking mentoring groups to sit together and discuss goals for the week.

As you think about how to get the most out of your time at the summer school, consider the following:

- Which poster session am I in? Which of the parallel sessions will I be attending? *See options below and on right.*
- Which items on the agenda are most important/relevant for my current work?
- Which skills do I want to practice this week? Such as: asking questions, networking, making connections outside my technical area, etc.

Plan your week



Poster Sessions

M

A - Monday #1

B - Monday #2

T

C - Tuesday #1

D - Tuesday #2



Parallel Tracks

Career Breakout groups

Topics:

- ▶ Resume/CV review
- ▶ Presentation skills
- ▶ Networking and Elevator pitch
- ▶ Interview Tips

Sign up for one topic by Thursday morning - Slack

Poster Sessions

Two sessions on Monday and Tuesday

- ▶ Practice talking to your peers - from different science domains.
- ▶ Engage with the presenters as much as you can! Practice asking questions.
- ▶ Just because someone is using a different approach or terminology, doesn't mean they are wrong!

Event logistics

Sessions & breaks

- ▶ **Sessions:**
 - ▶ Plenary
 - ▶ Parallel sessions
 - ▶ Mentoring sessions
- ▶ **Coffee breaks** - 30 min (times differ)
- ▶ **Lunch break** - 90 min (always @12:30, other things may be happening at the same time)
- ▶ **Group photo** - Friday @ 8:45
- ▶ **Details are on the agenda!**

Venue Logistics

- ▶ **Have breakfast at your hotel**
- ▶ **Venue - Hotel Ariston ballrooms:**
 - ▶ **Barcelona - 16th floor**
 - ▶ Plenary sessions + track 1 / parallel session 1
 - ▶ **Castilla 5th floor**
 - ▶ Track 2 / parallel session 2
 - ▶ **Valencia - 2nd floor**
 - ▶ Lunches, dinners & poster sessions
- ▶ **Details are on the agenda!**

Comms & Social event

▶ Communications:

- ▶ Message of the Day (every morning)
- ▶ Slack - feel free to use it (new channels, group chats, dms, etc.)
- ▶ Emails (surveys)

▶ Social Events

- ▶ Wednesday evening is free - feel free to self-organise
- ▶ Dinner on Thursday night - excursion to Mount Rokko.
- ▶ Tour of Fugaku on Friday - details to follow

Evaluation



Evaluation Team:

- ▶ Julie Wernert
- ▶ Matthias Brust

▶ Focus groups

- ▶ Optional
- ▶ During lunch time - Wednesday & Thursday
- ▶ Topics are on the agenda, ask Julie for details.

▶ Surveys

- ▶ Please take time to provide feedback during and after the event



Take Aways



You'll get out what you put in - commit to mentoring



Don't be afraid to approach staff - we are here for you!



You can talk to us at any time (meals, breaks, sessions...)



Talk to as many people as possible



Try to get out of your comfort zone and try new things



HAVE FUN!

Questions?

```
mirror_mod = modifier_ob.  
set mirror object to mirror.  
mirror_mod.mirror_object =  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
  
selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.name))  
mirror_ob.select = 0  
= bpy.context.selected_objects  
data.objects[one.name].select  
  
print("please select exactly one mirror")  
  
-- OPERATOR CLASSES --  
  
types.Operator):  
X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
  
context):  
context.active_object is not
```

Programming Challenge!

Ludovic will provide the details.