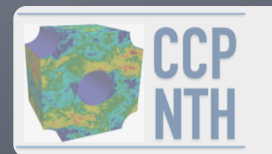


**The 2nd Management Committee Meeting
CCP for Nuclear Thermal Hydraulics (CCP-NTH)**

**Virtual Meeting via Zoom
20 January 2021**



Agenda

Time	Item
14:00	1. Virtual Coffee
14:10	2. Welcome, apologies, minutes from last meeting
14:15	3. Chair's report, including progress and plans for WP1 (community building); Q&A
14:35	4. Progress and plans for WP2 (software development); Q&A.
14:55	5. Round table update <ul style="list-style-type: none">• Updates/news on any matters relevant to the CCP from each group/member• Challenges and potential collaboration
15:15	6. Discussion on future plans <ul style="list-style-type: none">• WP1: Special topic seminars; User group meetings; 2nd Annual technical meeting• WP2: Software development• Anything other potential activities• Comments on the Executive Summary Report
15:35	7. AOB
15:40	8. Date for next meeting

Outline

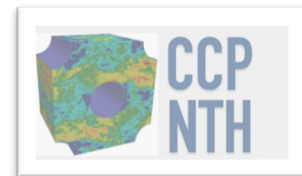
1. **CCP activities to date**
2. **Some feedback from CCP Steering Panel meetings**
3. **Other relevant developments/events**
4. **Plans**

1. CCP activities to date

Activities April – December 2020

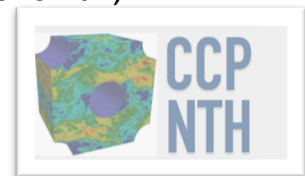
- **WP1 Community building**
 - 1 April: CCP started on 2020
 - 5 May: First Management Committee Meeting
 - 1 September: Annual Technical Meeting (virtual), (well attended, very positive feedback)
 - 16 October: Meeting with CCP-Turbulence to discuss cross-CCP collaborations
 - User Group for CHAPSim was formed and 2 meetings were held (September, December).
 - Website – domain name: <http://www.ccpnth.ac.uk/>
 - -Collaboration agreement...
 - -Documents on ToR, visiting grants...

- **WP2 Methodology and Code Development**
 - High fidelity modelling and simulations
 - Robust CFD



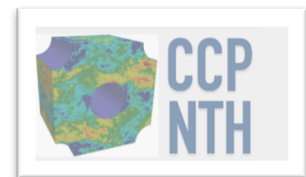
2. CCP Steering Panel Meetings - feedback

- **Steering panel meets twice a year** (29 May 2020; 30 November 2020)
 - Updates from councils, reporting from all CCPs, collaboration opportunities.
- **UK CCPs**
 - Include 9 CCPs funded by EPSRC plus some unfunded or those funded from other councils.
 - Some have been in existence for over 30 years.
 - New: Turbulent, Quantum and NTH
- **UK research councils' updates**
 - ARCHER2
- **National quantum computing centre**
- **Updates/future plans from all CCPs**
 - Most training, meetings were postponed;
 - But several organised online meetings/conferences with 3x normal participants.
 - CCP5 AGM – 300;
 - CCP-WSI and SyneRBI: both organised several successful meetings/workshops: large (100) or small;
 - UKTC monthly seminars



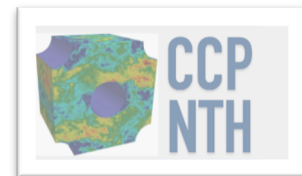
3. Other relevant developments/events

1. **March 10-11, 2021 Virtual, Training course on Nuclear thermal hydraulics modelling, Jointly organised by PRACE, CCP NTH, CCP Turbulence.**
2. **March 15-18, 2021 Prague (Virtual), ISSCWR-10 (Int. Sym. Supercritical Water-cooled Reactor)**
3. **June/July (?) 2021, BEIS Digital Reactor Design – Thermal Hydraulics, Dissemination and training event (perhaps through SIG NTH)**
4. **September 5-7, 2021 Manchester, the 17th UK Heat Transfer Conference**
 - Special topic session in Nuclear Energy.
 - [Deadline for extended abstract: 28 February.](#)
5. **NURETH 19: 06-11/03/2022 in Brussels**



4. Planning (WP₁)

1. **Special topic seminars**
 - Format, frequency, topics
 - First meeting: February (?), topic?
2. **User group meetings**
 - 3rd Meeting: March?
3. **Occasional emails/news letter from CCP?**
4. **2nd Annual Technical Meeting**
 - July, October or **December**?
 - Virtual or In-person?
5. **Training on Nek5000?**
6. **Any other activities and return to normal?**
 - Visiting programs, training, benchmarking



WP1 Tasks

WP1 Community building

- WP1-0 Management Committee Meetings (10 occurrences)
- WP1-1 Annual technical meetings (5 occurrences)
- WP1-2 Special topic workshops (3 occurrences)
- WP1-3 Cross-CCP workshop (2 occurrences)
- WP1-4 Outreach (2 occurrences)
- WP1-5 Exchange of visitors in UK
- WP1-6 Training courses (4 occurrences)
- WP1-7 In/out international visits
- WP1-8 International workshops (2 occurrences)
- WP1-9 Benchmarking exercises (3 occurrences)
- WP1-10 Website

WP₁ Tasks and schedules

ID	WP1 Community building	Year 1				Year 2				Year 3				Year 4				Year 5			
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
WP1-0	Management Committee Meetings	M		M		M		M		M		M		M		M		M		M	
WP1-1	Annual technical meetings			1				1				1				1				1	
WP1-2	Special topic workshops					2				2						2					
WP1-3	Cross-CCP workshop				3							3									
WP1-4	Outreach							4								4					
WP1-5	Exchange of visitors in UK			5				5				5				5				5	
WP1-6	Training courses					6				6				6					6		
WP1-7	In/out international visits			7				7				7				7				7	
WP1-8	International workshops									8									8		
WP1-9	Benchmarking exercises							9				9							9		
WP1-10	Website																				