

## CCPi Exec Meeting – Tuesday 27 July 2021

Via 'zoom' video-conference 1pm-3pm

### Minutes

#### Attendees [10]

Apologies ([3] Edoard Pasca, Bill Lionheart, Evelina Ametova;)

- Martin Turner (Manchester, MT)
- Philip Withers (Manchester, PW)
- Llion Evans (Swansea, LE by email)
- Jay Warnett (Warwick, JW)
- Jakob Sauer Jørgensen (DTU JJ by email)
- Gemma Fardell (STFC, GF)
- Evangelos (Vaggelis) Papoutsellis (STFC, EVP)
- Rebecca Cross (Manchester, RC)
- Laura Murgatroyd (STFC, LM)
- Lee Margetts (UoM by email)

Minute	Item	Action
21.7.01	<p><b>Spending schedule for Phase 2 extension until 31 Dec 2021</b></p> <ol style="list-style-type: none"> <li>1. ARTisT simulation software 3-user license - Amin Garbout has an installation schedule at NXCT.ac.uk</li> <li>2. PostReality 2.0 studio: AR (Augmented Reality Presentations Platform) for posters - 5 seat license: Llion Evans putting together a Working Group</li> <li>3. Website development: <a href="mailto:info@waters-creative.co.uk">info@waters-creative.co.uk</a> commission for a copy and links to <a href="https://ibsim.co.uk/index.html">https://ibsim.co.uk/index.html</a> etc...MT to coordinate series of website wish list - est £7k inc VAT. (Rachael Wheatley rachael@waters-creative.co.uk)</li> <li>4. Funds for IBSIM 2021 - £1,000</li> <li>5. Funds for ToScA 2021 - £500</li> <li>6. Summer training session £10k EXTRA funds for continual training courses this year requested</li> </ol> <p>Past:</p> <ul style="list-style-type: none"> <li>- Registered for Fully3D attendance, paper submission</li> <li>- Sponsorship deal for NPL dimensional-XCT 2021: virtual booth, presentation etc...</li> </ul> <p><b>Action:</b> All for further funding projects for 2021.</p> <p><b>Action:</b> further training – ToScA (one-day; 3hrs); DVC course; autumn training session (+short talk at IBSim)</p> <p><b>Action:</b> taking forward the 30 users from Summer training to next stage</p> <p><b>Action:</b> Quotes for website to be requested</p>	<p>ALL DevTeam</p> <p>DevTeam</p> <p>MT/JW</p>
21.7.02	<p><b>Submission, allocations and LoS for EPSRC grant</b> "could take the CCP bid and resubmit it." "include the 'dull' parts"</p> <ol style="list-style-type: none"> <li>1. Russell Garwood et al (palaeontologists and CSF user) want to submit a proposal for supporting their post-image acquisition processing system: <a href="https://spiers-software.org/">https://spiers-software.org/</a></li> </ol> <p><b>Action:</b> this is with London developers and also now an overlap with research group in Swansea Llion Evans (who works with Lee Margetts) including rewrite of ARCHER2 proposal.</p>	<p>LE/RussellG/LeeM</p>

21.7.03	2.Edo/ Jakob et al - wish for a "CT as a Service across Heterogenous (i.e. GPU based) architectures". Strong links to STFC who could lead (EP) and the UoM NXCT workstations/clusters to create a 'go-faster' service for the current system. This is needed as performance is a critical factor with targets of multiple test cases. <b>Action:</b> checked that STFC staff member can be a PI (EP) and/or opportunity for Tim Burnett/Nicola Wadeson (NXCT at UoM) to be PI	EP/TimB/MT	
21.7.04	3.LoS for CCP SynerBI proposal that will be submitted and to based on the multiple influx of new imaging modalities (so RSE to create new readers/writers and wrappers) inc. easy access (say even at undergraduate courses).	MT	
21.7.05	4.Also could be a; - Maintenance focused proposal - New methodology proposal related from last successful EPSRC mathematics bids.... consider a Weird Tomograph (with a formal definition needed) creating a software layer to the CIL (ccpi.ac.uk/CIL) framework software.  <b>Action:</b> end Aug 2021 MSc pytorch pre-processing staged AI/ML mini-project (specific on super-resolution) future CIL operator; etc...	MT BL/MT  Vagg/MT	
	<b>AOB</b> Diamond Doctoral Studentship Programme 2022 -The Call for Proposals will be open until 5pm Wednesday 22 September 2021 <a href="https://www.diamond.ac.uk/Careers/Students/Studentships/Diamond-studentships-2022.html">https://www.diamond.ac.uk/Careers/Students/Studentships/Diamond-studentships-2022.html</a>  Announce that Dimensional XCT 2022 MMXXII (13-16 June) to be held at Royce Institute		
21.6.10	Dates for next meetings: <b>Monday 22 November 2021 1-4pm Working Group</b> <b>Extra Exec Meeting to be arranged before EPSRC submission</b>	MT	
AOB	<b>Website Options</b> Transfer from the current Drupal will be completed by end March 2022; the Twiki closed down March 2021.	MT/EP	
<b>Minute</b>	<b>Action</b>	<b>Person Responsible</b>	<b>Completion date</b>
	SEE ABOVE		

**CoSeC activity involved the following members of staff:**

Edoardo Pasca Email: [edoardo.pasca@stfc.ac.uk](mailto:edoardo.pasca@stfc.ac.uk)

Gemma Fardell Email: [gemma.fardell@stfc.ac.uk](mailto:gemma.fardell@stfc.ac.uk)

Evangelos Papoutsellis [evangelos.papoutsellis@stfc.ac.uk](mailto:evangelos.papoutsellis@stfc.ac.uk)

Evgueni Ovtchinnikov [evgueni.ovtchinnikov@stfc.ac.uk](mailto:evgueni.ovtchinnikov@stfc.ac.uk)

Laura Murgatroyd [laura.murgatroyd@stfc.ac.uk](mailto:laura.murgatroyd@stfc.ac.uk)

### 21.6.11 Extra Items:

Future key events:

Newton Institute - Rich and Nonlinear Tomography - a multidisciplinary approach RNT 4 January 2023 to 30 June 2023 <https://www.newton.ac.uk/event/rnt/>

**Action:** BL et al to look at being editors for a Royal Society Phil Trans A special Issue in RNT

Dimensional XCT 2022 (13-16 June) will be held in the Royce Institute

**Action:** MT/TL website and activities to be organised and invitation for assistance:

<https://www.ccpi.ac.uk/DimensionalXCT>