



## BEATS: Beamline for Tomography at SESAME (EU H2020) User Community Building Event: Qatar

Tuesday 17<sup>th</sup> – Wednesday 18<sup>th</sup>  
November 2020

Host: The Cyprus Institute (online)  
Online Venue: The Cyprus Institute, Green Room;  
1<sup>st</sup> Day:

<https://cyi.webex.com/cyi/j.php?MTID=mb7a66b7b0821e64561b16d7ea9b5899e>

2<sup>nd</sup> Day:

<https://cyi.webex.com/cyi/j.php?MTID=mdcc4ed42ab6cc933f392e98d6405656c>

Join us online to discover how synchrotron radiation microCT can  
advance your research on any material samples

**Open to all researchers and industry representatives**

Participation in first-come-first-served bases- max 100 participants at any one time  
Please register at [sciencecaseBEATS@cyi.ac.cy](mailto:sciencecaseBEATS@cyi.ac.cy), preferably by 13.11.2020. **Please note that pre-registration is crucial.**

### **Tuesday 17<sup>th</sup> November**

Link: <https://cyi.webex.com/cyi/j.php?MTID=mb7a66b7b0821e64561b16d7ea9b5899e>

Meeting number: 175 466 7654 Password: heKVICFQ363

\* Time tables are in Qatar time

10:00 – 10:10 (Qatar time)	Welcome and introduction	Dr Kirsi O. Lorentz, BEATS SC Vice- Chair and WP2 T1 Leader, Cyl
	Opening Address	Dr. Temadher Al-Maadeed, Head of the Department of Mathematics, Statistics and Physics, Qatar University
10:10 – 10:45	Recent updates from the BEATS tomography beamline project	Dr Axel Kaprolat, BEATS Coordinator, ESRF

10:45 – 11:15	BEATS in the context of SESAME	Dr Andrea Lausi, Scientific Director, SESAME
11:15 – 11:45	Designing the BEATS tomography beamline, its construction and future operation	Dr Gianluca Iori, BEATS Beamline Scientist, SESAME
11:45- 11: 50	BREAK	-
11:50 – 12:20	Synchrotron-based Hard X-ray Microtomography at BEATS: Potential future applications in Qatar	Dr Alexander Rack, BEATS tomography expert, ESRF
12:20 – 12:50	Science applications with SXCT at BEATS: How to become a future user from Qatar	Dr Kirsi O. Lorentz, BEATS SC Vice-Chair and WP2 T1 Leader, Cyl
12:50 – 13:00	Panel Discussion	Prof Ilham Al-Qaradawi, Qatar University, President, Qatar Physics Society  Dr Mohammad Gharaibeh, Qatar University  Dr Kirsi O. Lorentz, BEATS SC Vice-Chair  Dr Andrea Lausi, SESAME Light Source
	Question and Answer Session	

### **Wednesday 18<sup>th</sup> November**

**Link:** <https://cyi.webex.com/cyi/j.php?MTID=mdcc4ed42ab6cc933f392e98d6405656c>

**Meeting number: 175 986 4880 Password: Ha35xcsPYh4**

**\*Before the Break-out session please put the room number you want to join in front of your name on Webex so the host can move you to the break-out rooms.**

10:00 – 10:30 (Qatar time)	Data analysis and management for the BEAmline for Tomography at SESAME (BEATS) Project	Dr Charalambos Chrysostomou, BEATS WP7 Leader, The Cyprus Institute
10:30 – 11:00	Synchrotron Micro-Computed Tomography for GeoEnvironmental Applications	Prof Riyadh Al-Raoush, Qatar University
11:00 – 11:40	A tutorial on how to apply for beamtime proposal	Dr Andrea Lausi, Scientific Director, SESAME
11:40 – 12:10	Break-out sessions Room 1: Meet and greet with BEATS Beamline Scientist and tomography specialists to discuss scientific applications and beamtime proposals	Room 1: Dr Gianluca Iori, Dr Kirsi O. Lorentz and Dr. Alexander Rack
	Room 2: Meet and greet with the BEATS Project Coordinator and SESAME Scientific Director to discuss user policy	Room 2: Dr Axel Kaprolat and Dr Andrea Lausi
12:10 – 13:00	Discussion and closing remarks (Q&A)	Prof Ilham Al-Qaradawi, Qatar University, President, Qatar Physics Society

		<p>Dr Mohammad Gharaibeh, Qatar University</p> <p>Prof Riyadh Al-Raoush, Qatar University</p> <p>Dr Kirsi O. Lorentz, BEATS SC Vice-Chair</p> <p>Dr Andrea Lausi, Scientific Director, SESAME</p>
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<https://beats-sesame.eu/>

For further information: [sciencecaseBEATS@cyi.ac.cy](mailto:sciencecaseBEATS@cyi.ac.cy)

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