



Synchrotron-light For
Experimental Science
and Applications In
The Middle East

DEELS 2021

Diagnostics Experts of European Light Sources

July 7th 2021, Virtual via Webex platform



SESAME

Outline

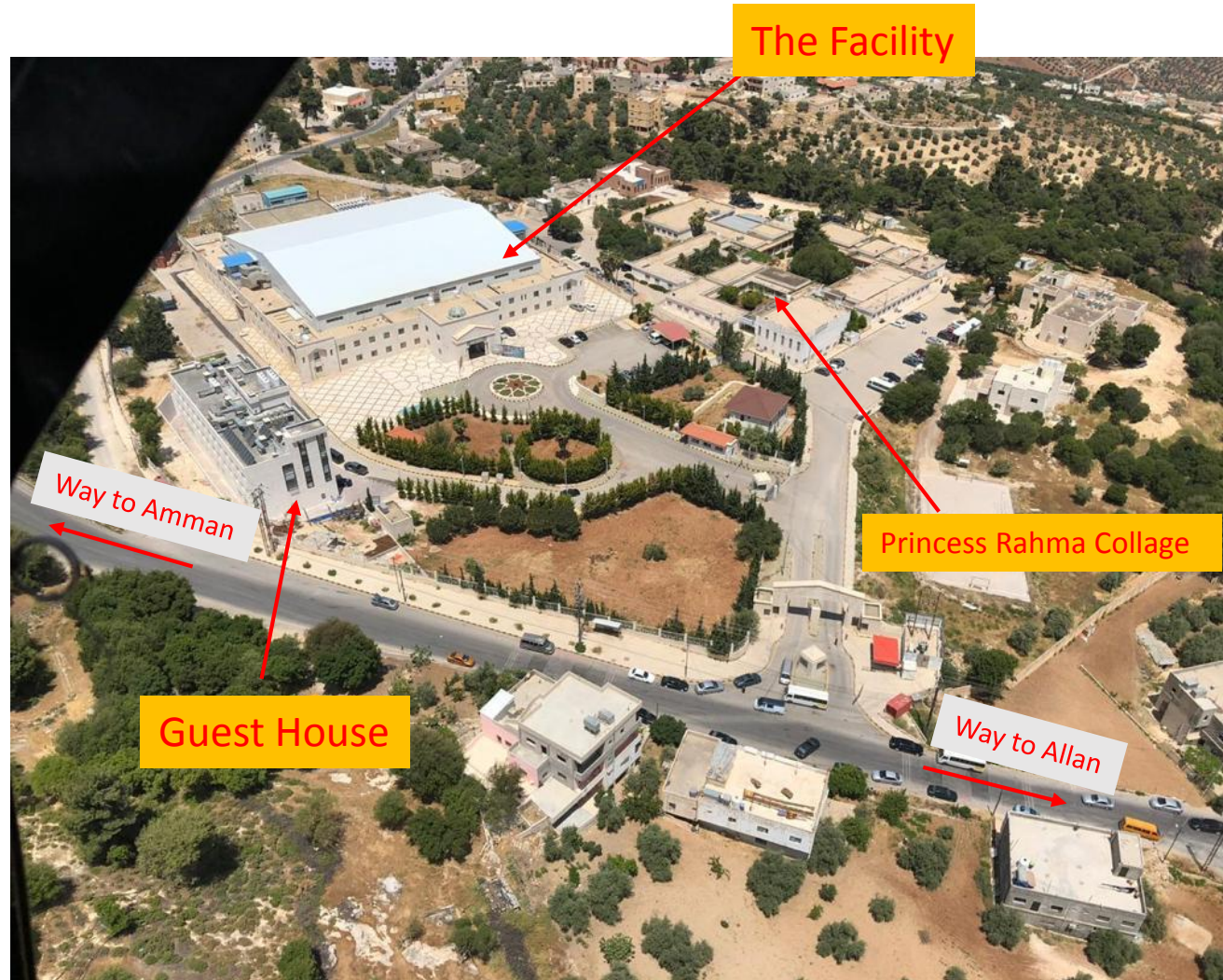
- **Overview**
- **Previous DEELS**
- **The Program**
- **Options**



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Overview

First 3rd Generation Synchrotron
Light Source in Middle East,
located in Allan, Jordan





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DEELS 2014@ ESRF



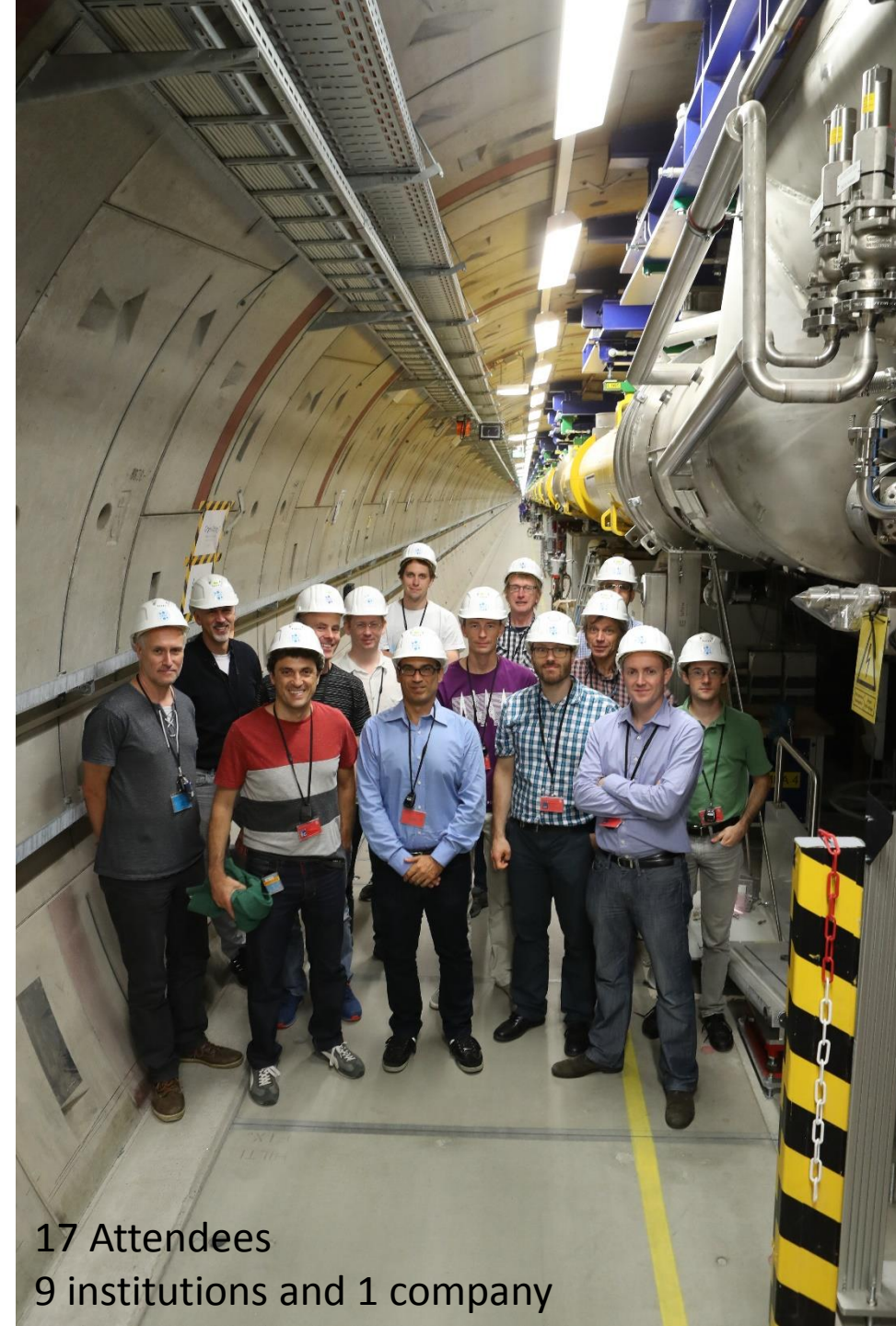
13 Attendees
8 institutions

DEELS 2015@ ALBA



20 Attendees
9 institutions and 1 company

DEELS 2016@ DESY



17 Attendees
9 institutions and 1 company



DEELS 2017@ SOLEIL

22 Attendees
13 institutions and 1 company

DEELS 2018@ Diamond



25 Attendees
12 institutions and 1 company

DEELS 2019@ ESRF



33 Attendees
12 institutions and 2 companies

DEELS 2020@ Elettra “Virtual”

Zoom Meeting

Manuel.Cargnel... Guenther Rehm Silvano Bassanese DEELS2020 Romain Broucqu... Benoit Roche Meriou Ferianis Ubaldo Iriso Ariz

Nicolas HUBERT Peter Leban Hirokazu Maesa... stefanoC Sérgio Rodrigo ... Gabriele Benede... Gabriele Brajnik Dima El Khechen

katarina.roskar Lorraine David Yépez Vin... Laura Torino Kay Wittenburg fsfh Alun Morgan Alan Tipper

Dirk Lipka Hussein Al-Moh... Giulio Gaio Michele Carla Alexey Lyapin Chris Bloomer Andreas Schalic... marco.lonza

Kai Demmler Andriy Nosych MatjazZ Moussa borut.replic Daniel Tavares Yanfeng Sui Basil Aljamal

Omar / SESAME Nicholas Sereno Daniel Tavares marco Michael Abbott Michael Abbott Weixing Cheng

59 Attendees
20 institutions and 1 company

DEELS 2021@ SESAME “Virtual”

SORRY, NO
IMAGE
AVAILABLE



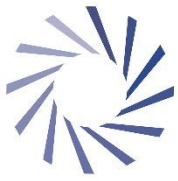
43 Attendees
20 institutions and 2 companies



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DEELS Program

10:00	DEELS2021 WELCOME <i>Virtual- Webex Platform</i>	<i>Hussein Al-Mohammad</i> 10:00 - 10:15
	Computer vision application for real-time beam tracking in pinhole image systems at Alba <i>Virtual- Webex Platform</i>	<i>Andriy Nosych</i> 10:15 - 10:35
	Discussion <i>Virtual- Webex Platform</i>	10:35 - 10:45
11:00	Photon Beam Diagnostics at SESAME <i>Virtual- Webex Platform</i>	<i>Omar AL KAILANI</i> 10:45 - 11:05
	Discussion <i>Virtual- Webex Platform</i>	11:05 - 11:15
	Coffee Break <i>Virtual- Webex Platform</i>	11:15 - 11:35
	Results with the Visible Light diagnostics with EBS now in full User-service mode <i>Virtual- Webex Platform</i>	<i>Elena Buratin</i> 11:40 - 12:00
12:00	Discussion <i>Virtual- Webex Platform</i>	12:00 - 12:10
	Experience with Pilot-tone + Libera Spark at ALBA <i>Virtual- Webex Platform</i>	12:10 - 12:30
	Discussion <i>Virtual- Webex Platform</i>	12:30 - 12:40

13:00	Lunch Break <i>Virtual- Webex Platform</i>	12:50 - 14:00
14:00	SESAME in a Nutshell <i>Virtual- Webex Platform</i>	<i>Hussein Al-Mohammad</i> 14:05 - 14:20
	Discussion <i>Virtual- Webex Platform</i>	14:20 - 14:25
	Improvements of the bunch purity measurement at PETRA III <i>Virtual- Webex Platform</i>	<i>Kai-Oliver Demmler</i> 14:25 - 14:45
	Discussion <i>Virtual- Webex Platform</i>	14:45 - 14:55
15:00	About XBPMs for SOLEIL upgrade <i>Virtual- Webex Platform</i>	<i>Marie Labat</i> 14:55 - 15:15
	Discussion <i>Virtual- Webex Platform</i>	15:15 - 15:25
	XBPM temperature interlocks for DLS-II <i>Virtual- Webex Platform</i>	<i>Chris Bloomer</i> 15:25 - 15:45
	Discussion <i>Virtual- Webex Platform</i>	15:45 - 15:55
16:00	Conclusions <i>Virtual- Webex Platform</i>	<i>Hussein Al-Mohammad</i> 15:55 - 16:05



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Outline

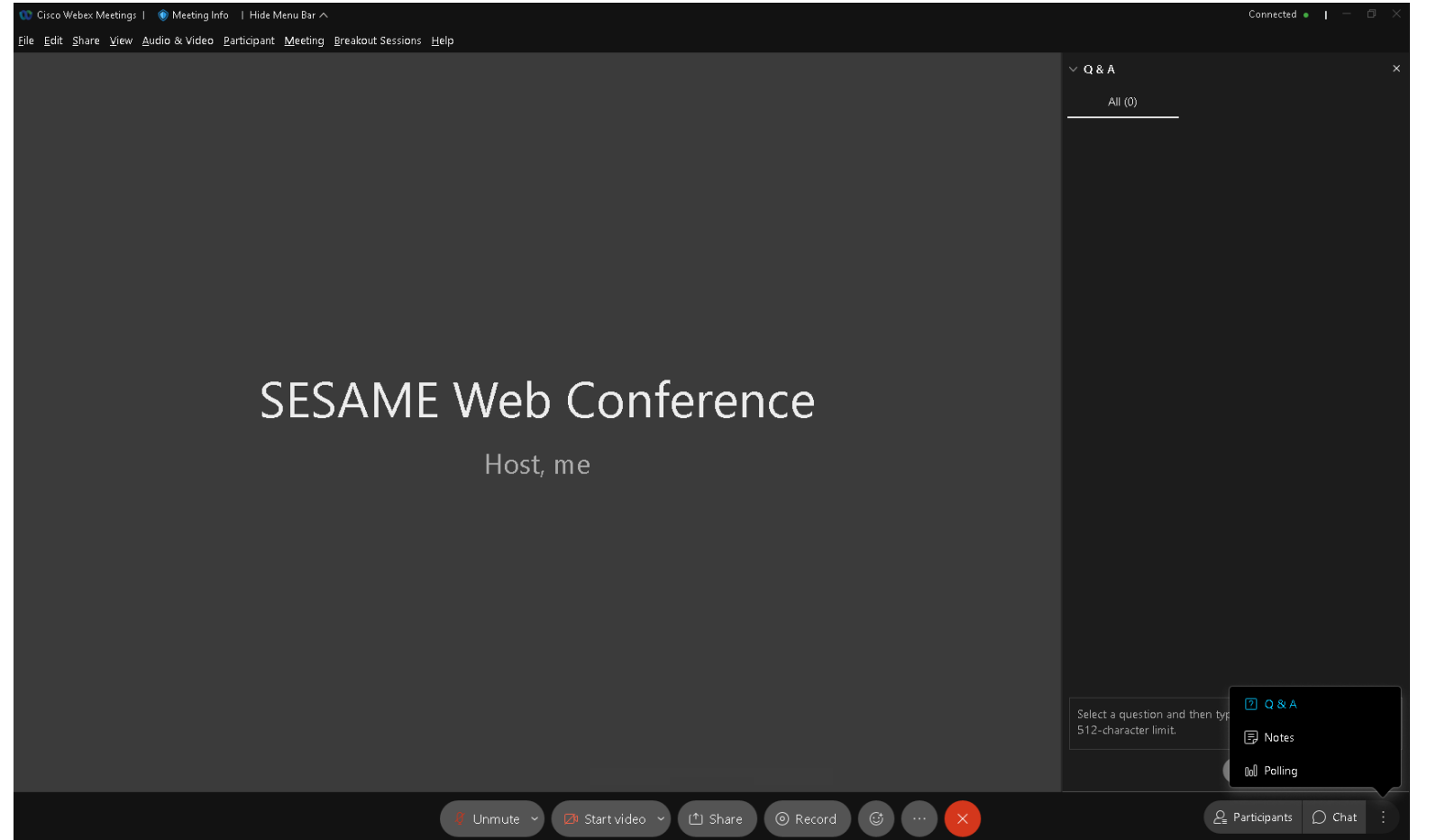
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Options on Webex

- Q & A

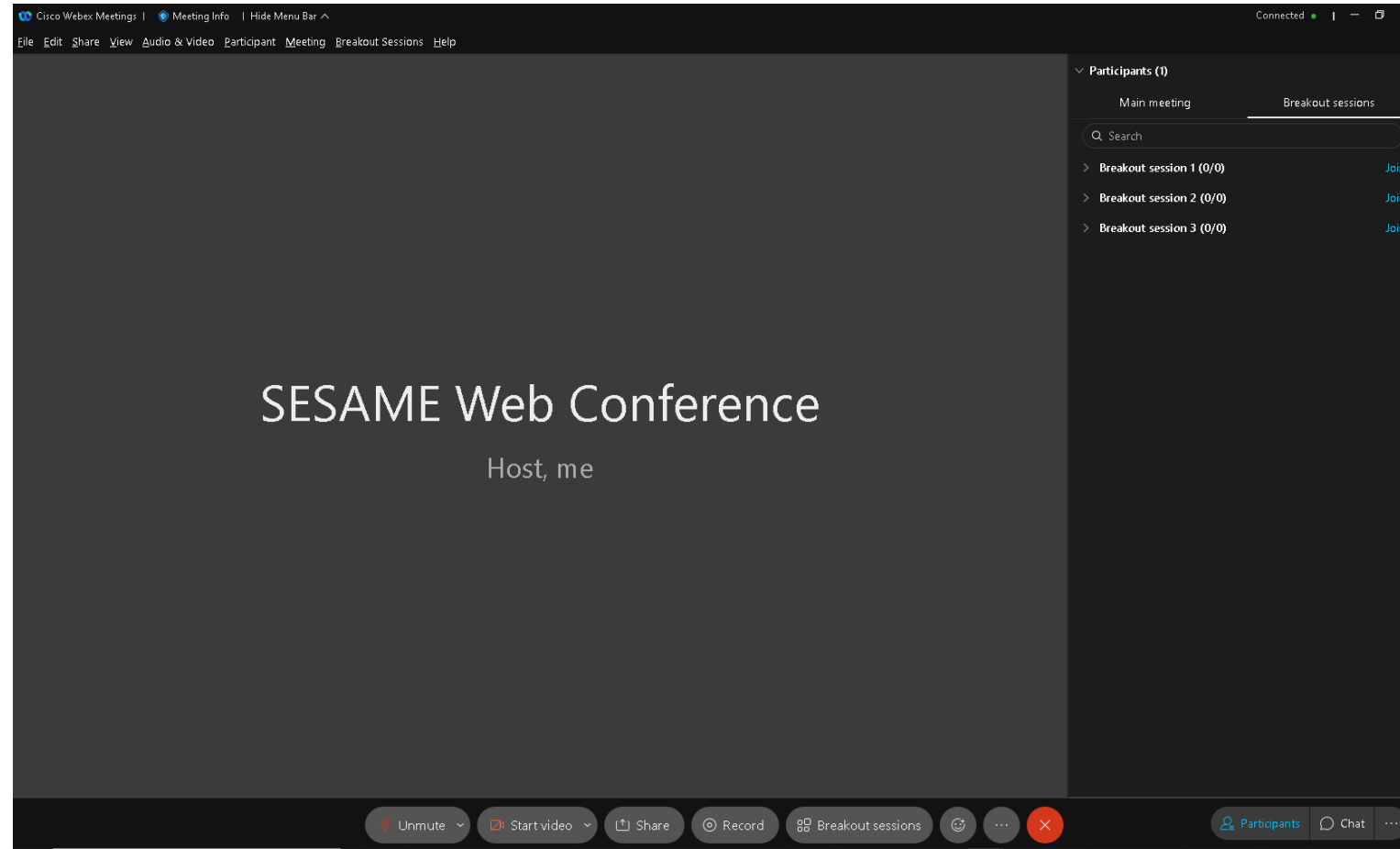




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Options on Webex

- **Breakout Sessions**





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Who will win ?

