

JULY 29, 2021

MEDSI2020 CLOSING REMARKS

YIFEI JASKI

Principal Mechanical Engineer
MEDSI2020 Conference Chair
Argonne National Laboratory



MANY THANKS!

- Thanks to all the Speakers, Chairs and Co-chairs who delivered great oral sessions, many high-quality talks
- Thanks to Lynnean Celmer for zoom hosting and processing all recorded data
- Thanks to all poster presenters who presented their posters at the assigned sessions
- Thanks to all exhibitors
- Thanks to all attendees
- **We had a great conference! We learned to interact virtually in this trying times**

GREAT INTERACTIVE CONFERENCE

UTC - 5 Chicago		MEDSI 2020 - Virtual Conference Agenda																	
Day		Monday, July 26					Tuesday, July 27					Wednesday, July 28		Thursday, July 29					
9:00							TUPA Tuesday AM poster session A					WEPA Wednesday AM poster session A							
9:40		Welcome and Overview of the Conference Program Schedule, Video Links (PDF)																	
10:00		MOOC - Chair: Kathan Tawall, Co-Chair: Mike Fisher					TUJO - Chair: Lin Zhang, Co-Chair: Curt Preissner					WBOO - Chair: WB Matheson, Co-Chair: Gary Narendral		THJO - Chair: David Biss, Co-Chair: Steve Kearney					
		Keynote #1: Superconducting Undulators - A Novel Source of Radiation for Synchrotron and FEL Light Sources -Igor Gussak (ANL)					Keynote #2: System and Subsystem Engineering of Long Baseline Detectors -Fabrice Malchard (LSL)					Keynote #3: The Extremely Brilliant Source (EBS) Project -Jean-Charles Brice (ESRF)		Keynote#4: Design of Next Generation Beam Line Equipment by Applying Advanced Mechanisms Principles -Theo Ruyll (M-Partners)					
10:40		Invited #1: SM16, The New ESRF-ESB Benchmark For Hierarchical Phase-Contrast and Tomography -Philippe Chauxard (ESRF)					Invited #2: Mechanistic Approaches for the Development of a Neutron Active-Stabilization System -Thomas Debaene (ESRF)					Invited #3: LCLS Chemist in Vacuum Liquid Sample Delivery System -Hengdi Wang (SLAC)		Invited #4: Determination of Operating Conditions of the Compact High Repetition Rate Wakefield Accelerator Using Electrodynamics and Multiphysics Approach -Kamilashvili Aschkhani					
		10 min Break					10 min Break					10 min Break		10 min Break					
11:20		MOOA - Session A: Insertion Device and Storage Ring Chair: John Sweeney, Co-Chair: Greg Watermeyer		MOOB - Session B: Optics Chair: Mike Fisher, Co-Chair: Jonathan Kwock			TUOA - Session A: Core Technology Chair: Kamilashvili Aschkhani, Co-Chair: Jonathan Kwock		TUOB - Session B: Stability Issues and Vibration Chair: Curt Preissner, Co-Chair: Saul Bani			WBOA - Session A: New and upgrade facilities Chair: Denis Capulata, Co-Chair: Theo Ruyll		WBOB - Session B: Beam Station Chair: Steve Kearney, Co-Chair: Albin Bindi		THOA - Session A: Precision Chair: Steve Kearney, Co-Chair: Albin Bindi		THOB - Session B: Simulation Chair: Kamilashvili Aschkhani, Co-Chair: Jason Lenth	
		Overcoming Challenges During the insertion device design -Dennis Capulata (ESRF) -John Sweeney (ESRF) -Greg Watermeyer (ESRF)		ESRF enables Crystal Microanalysis - Design of X-ray Focusing Optics -Robert Bane (ESRF) -John Sweeney (ESRF) -Greg Watermeyer (ESRF)			Sustained Total Cost Reduction and Performance of the ESRF Storage Ring -Philippe Chauxard (ESRF) -Jonathan Kwock (ESRF) -Igor Gussak (ANL)		Stability concerns in the ESRF storage ring -Curt Preissner (ESRF) -Saul Bani (ESRF) -Igor Gussak (ANL)			X-ray microanalysis at ESRF -John Sweeney (ESRF) -Dennis Capulata (ESRF) -Greg Watermeyer (ESRF)		Engineering challenges in BESSA for the ESRF storage ring -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)		A Facility upgrade strategy: ESRF storage ring -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)		The use of a hybrid approach for the design of the ESRF storage ring -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)	
		ESRF enables the ESRF storage ring -Dennis Capulata (ESRF) -John Sweeney (ESRF) -Greg Watermeyer (ESRF)		ALBA-BL New X-ray Source for Design -Yongqiang Chen (ALBA)			Conceptual Design of the ESRF storage ring -Curt Preissner (ESRF) -Saul Bani (ESRF) -Igor Gussak (ANL)		Development of a Future X-ray Source -Curt Preissner (ESRF) -Saul Bani (ESRF) -Igor Gussak (ANL)			Design of the ESRF storage ring -Curt Preissner (ESRF) -Saul Bani (ESRF) -Igor Gussak (ANL)		Facility upgrade strategy: ESRF storage ring -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)		A Facility upgrade strategy: ESRF storage ring -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)		The use of a hybrid approach for the design of the ESRF storage ring -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)	
		Design Study of X-ray Source for a next generation X-ray FEL -Philippe Chauxard (ESRF)		BESSA BL X-ray Focusing Mirror Design -Yongqiang Chen (ALBA)			Design Study of the ESRF storage ring -Curt Preissner (ESRF) -Saul Bani (ESRF) -Igor Gussak (ANL)		ESRF enables Crystal Microanalysis - Design of X-ray Focusing Optics -Robert Bane (ESRF) -John Sweeney (ESRF) -Greg Watermeyer (ESRF)			Updated High Level Load Profile for the ESRF -Dennis Capulata (ESRF)		Development of a Future X-ray Source -Curt Preissner (ESRF) -Saul Bani (ESRF) -Igor Gussak (ANL)		Status Report on the ESRF storage ring -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)		Innovative and Biologically Inspired FEL -Steve Kearney (ESRF) -Albin Bindi (ESRF) -Dennis Capulata (ESRF)	
12:00		One hour break																	
12:30														12:30 1:00					
12:50		MOPB Monday PM poster session B					TUPB Tuesday PM poster session B					WEPB Wednesday PM poster session B							
14:20		MOPC Monday PM poster session C					TUPC Tuesday PM poster session C					WPEC Wednesday PM poster session C							

- 4 keynote talks
- 4 invited talks
- 24 contributed talks
- 8 poster sessions with 15-18 posters/session
- 22 exhibitors
 - 4 exhibitor livestream events

HIGHLY ENGAGED AND PARTICIPATED

- All oral sessions are recorded and uploaded at the end of the day
- Participation stats are being processed

Participants	Monday	Tuesday's	Wednesday
Plenary	282	244	207
Parallel session A	164	89	135
Parallel session B	141	172	106

App Downloads

401

ATTENDEES WHO DOWNLOADED THE APP
86% of the attendee list has downloaded

[Remind attendees to download](#)

Messages

1,698

MESSAGES SENT (PRIVATE & COMMUNITY)
1204 is the average at Whova events

Community Board

31

COMMUNITY BOARD TOPIC POSTS
14 is the average at Whova events

[Create a new Discussion Topic](#)

Photos

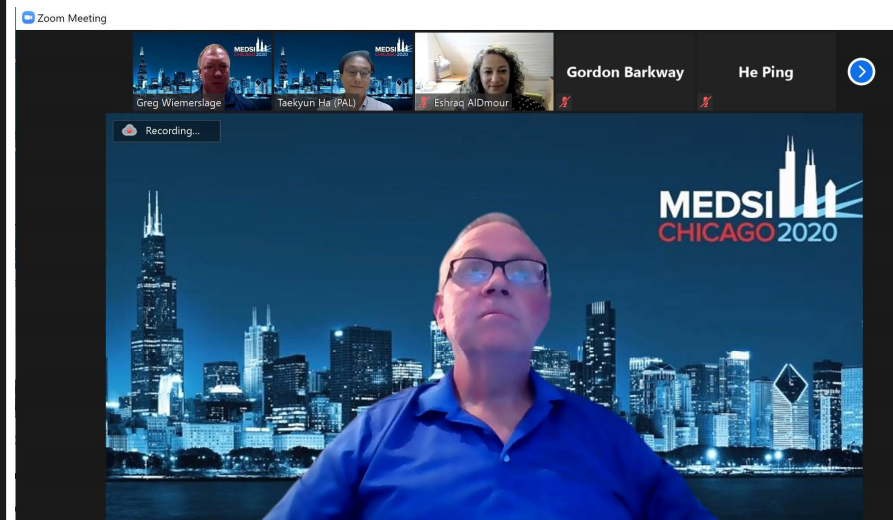
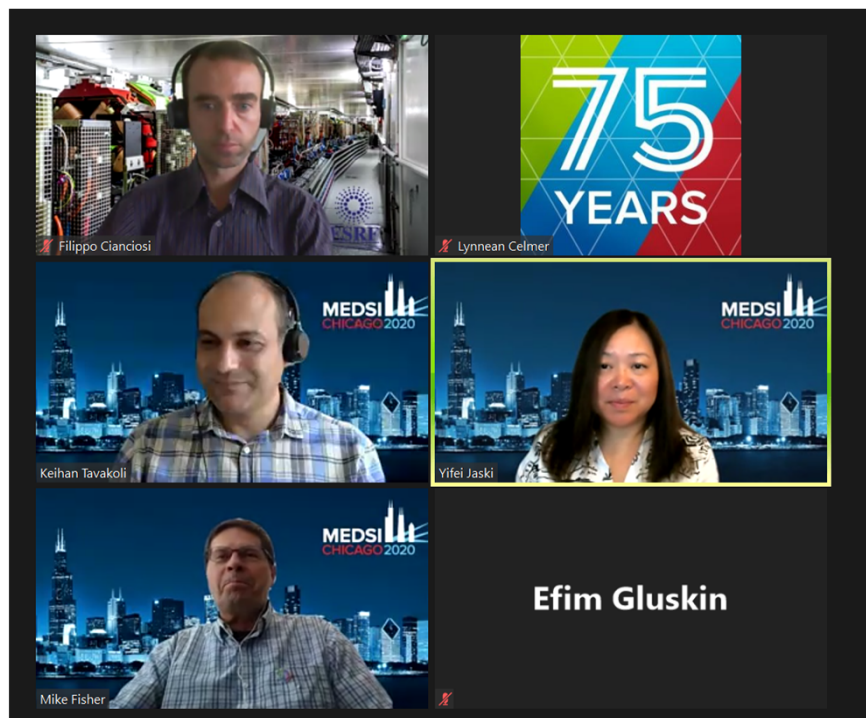
215

PHOTOS TAKEN
147 total likes

[Upload more event photos](#)

14 jobs are posted

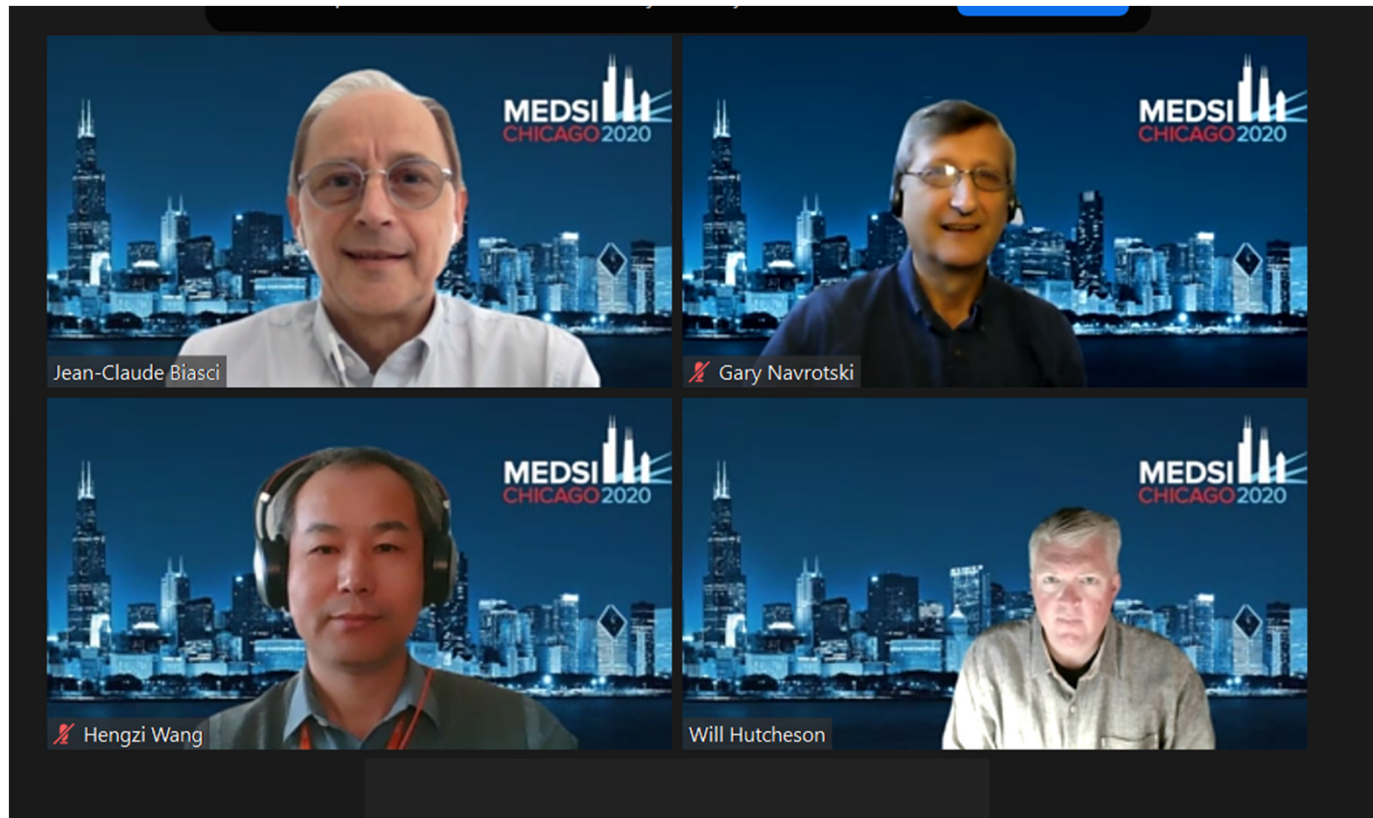
CONFERENCE PHOTOS MONDAY



CONFERENCE PHOTOS TUESDAY



CONFERENCE PHOTOS WEDNESDAY



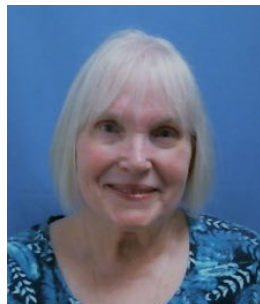
MEDSI2020 JACOW EDITORS



Kelly Jaje
Chief Editor



Volker RW Schaa
SPMS Wizard



Cathy Eyberger



Maria Power

- Our editors all have their daytime jobs and they all made arrangement to be available to help us edit and process paper. So we can't drag this process for too long

NEXT MEDSI

Brad Mountford
International Organizing Committee Chair
Australian Synchrotron

