



Semi-Annual Meeting NSF IUCRC Center to Stream Healthcare In Place (C2SHIP)

Zoom online

Time: July 25 2022 Monday 8:00 am -- 11:30 (Pacific Time)

Join Zoom Meeting (will record)

<https://arizona.zoom.us/j/82884435207>

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Meeting ID: 828 8443 5207

Find your local number: <https://arizona.zoom.us/u/kd0ikPuMA4>



Schedule:

Participant Registration <https://c2ship.org/events/c2ship-semi-annual-meeting/>

- 8:00 – 8:10 am** **Welcome Remarks** (*Prof. Armstrong & Prof. Daraio*)
- 8:10 - 8:20 am** **IAB Chairs:** *Shai Gozani and Halstead, Margaret*
- 8:20 - 8:35** **Industry Spotlights: BestBuy, Smartek21, Thinklabs**
- 8:35 – 8:45** **Annual activity summary, vision and roadmap**
(Prof. Roveda & Prof. Najafi)
- 8:45 – 9:00 am** **New site addition** **University of Missouri**
Prof. Marge Skubic (approved by NSF)
- New Site addition** **University of North Dakota**
Prof. Kouyhar Tavakolian (pending for approval by NSF)

15 minute break

9:15 – 10:15

Session 1: Project Reports (*Moderators: Prof. Armstrong & Prof. Daraio*)

Red highlighted talks are long ones (5 minutes) and regular talks are 3 minutes.

Airtable access for comments.

https://airtable.com/invite/l?inviteId=invPltEQMCJ9z9pkM&inviteToken=e2c1093f9c658ab5aef40fc9638c484cc9bc4c42e1c6547e0c2abe9abb4bb35e&utm_medium=email&utm_source=product_team&utm_content=transactional-alerts

P006	THERMAP -- Polymer-based temperature mapping devices	Caltech, mentor Valsem	Nicholas Higdon	Caltech
P008	Transcutaneous Electrical Nerve Stimulation For Lower Extremity In Patients With Post Acute Covid-19 Syndrome: PACS	BCM, mentor: NEuroMetrix	Alejandro Zulbaran	BCM



P011	A Tele-Foot Exercise program with wearable sensors to prevent lower extremities muscle atrophy in patients with lower extremities edema	BCM, mentor: Medline	AmirBehzad Bagheri	BCM
P018	Using wearables to remotely track and screen risk of falling in older adults	BCM, mentor: BestBuy	Nesreen El-Refaei	BCM
9:30-9:40	Questions and Answers			
P021	Body Change Assessment for Stress and Health Management	UA, mentor: SMWM	Jiayan Huo	UA
P026	Personal Virtual Assistant to Automate Engagement, Prevention and Assessment Post Discharge to Reduce Risk of DVT in Oncology Patients	BCM, mentor: Smartek21	Rasha Bara	BCM
P029	Low cost acoustic & ultrasonic portable probe	Caltech, mentor: Think Labs	Danial Shahraki	Caltech
P001	Wearable Wireless Eddy Current Sensors for Continuous Skin Edema and Brain Hemorrhagic Stroke Monitoring	Caltech, mentor: Valsem	YC Tai	Caltech



9:55-
10:05 Questions and Answers

P019	Develop a “Star Trek Replicator” for wounds.	USC, mentor: Valsem	Mark Swerdlow, Mentor: David G. Armstrong	USC
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P012	Wearable Biosensor for Non-Invasive COPD Monitoring	Caltech, Mentor: Masimo		
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P004	Multimodal Sensing Integrated with Mobility Aids for Monitoring Dehydration in Older Adults	MU Mentor: Vadum	Yadong Xu, Mentor: Zheng Yan	MU
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10:15-10:25 Questions and Answers

5 minute break

Session 3: New potential industrial member introduction (*Moderator: Shayan Mashatian*)

10:30 – 11:00 New members for 2022

Vibrent Health, Philips Royal Lighting/Signify, Amazon, Kairos, LuBu, Nvidia, DroneUp, RehabTronics

11:00 – 11:20 Feedback to roadmap and future directions,

Session 4: Members only discussion (*Moderators: Roveda & Najafi & Mashatian*)

Zoom link: Meeting ID 285 703 0497

Invite Link: <https://arizona.zoom.us/j/2857030497>

11:20 – 11:30 am IAB organizational meeting and formative discussion.