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**Robots and Sensors for the Human Well-being (ROSE-HUB)**

**Meeting Thursday May 9, 2024**

**Meeting Location: Virtual via Zoom Meeting**

Link: <https://umn.zoom.us/j/94559442955?pwd=Yk1jUzhXT09idmZxbWNrcnUrVERXQT09>

Meeting ID:  945 5944 2955

Passcode: Nd6S4N

**Agenda**

(All times are in Central Time)

**Thursday May 9, 2024**

11:00 AM Agenda, Mr. Mike Bazakos, Managing Director

11:10 Welcome and Introduction, Dr. Nikolaos Papanikolopoulos, Director of the

Minnesota Robotics Institute (MnRI) at the University of Minnesota

11:25 **Center Priorities, Status and Plans**

20 mins – NSF Update, Dr. Mohan Kumar, National Science Foundation PD

20 mins - The State of the Center, Dr. Vassilios Morellas, Center Director

20 mins - The Industrial View, Dr. Vibhor Bageshwar, IAB chair (Honeywell)

12:25 PM **Proposal Presentations and IAB Evaluations (online) [\*]**

10 mins – Introduction to the “Airtable” Evaluation System – Mr. Haoyi Shi

12:35         **45 mins (3 projects) - Worcester Polytechnic Institute – Dr. Jing Xiao,**

**Site Director**

WPI1: Telemanipulation for Powder Handing (PI: Jane Li, Student Presenter:

Nikita Boguslavskii)

WPI2: WireNet: Thin Wire and Line Detection (PI: Nitin Sanket, Student

Presenter: Manoj Velmurugan)

WPI3: Robotic Envelope Packaging (PIs:  Andre Rosendo and Jing Xiao, Student

Presenter:  Venkateshkrishna Venganallore Parsuram)

1:20       **30 mins (2 projects) - University of Minnesota – Dr. Vassilios Morellas,**

**Site Director**

UMN1: Federated Learning for Traffic Flow Predictions, (PIs: Maria Gini, Ali

Anwar) – Presented by Ebasa Temesgen, PhD Student

UMN2: State-wide Truck Parking Detection Deployment and Maintenance –

Phase II, (PIs: Vassilios Morellas, Ted Morris and Nikolaos

Papanikolopoulos) – Presented by Ted Morris

1:50 IAB Feedback/Discussion - Dr. Vibhor Bageshwar, IAB chair/ALL

2:15 Adjourn

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**[\*] Online project evaluation by IAB**

<https://airtable.com/shrh6CWRqYmOpr0RY>

**Online project for PI and Faculty**

<https://airtable.com/shrTflyubNF43Bfzk>

Please check out the new website of ROSE-HUB:  [https://rose-hub-iucrc.github.io](https://rose-hub-iucrc.github.io/)