

## Poster Session Award Winners

**Tuesday July 16**

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- **People's Choice:** Poster 5 (Paper 8008)

*Tracking a Plane Wave Direction Using Sparse Arrays with an Extended Kalman Filter*

Authors: **Showrov Rahman, Kaushallya Adhikari**

- **3<sup>rd</sup> Place:** Poster 11 (Paper 8087)

*Prediction Interpretations of Ensemble Models in Chronic Kidney Disease Using Explainable AI*

Authors: **K M Tawsik Jawad, Anusha Verma, Fathi Amsaad**

- **2<sup>nd</sup> Place:** Poster 7 (Paper 8024)

*Human Fatality Estimation in Aircraft Accidents*

Authors: **Vishal Pramanik, Maisha Maliha, Sumit Kumar Jha**

- **1<sup>st</sup> Place:** Poster 8 (Paper 8034)

*Aviation Passenger Segmentation through GANs Integrating K-Means Clustering: Innovating Airline Optimization*

Authors: **Maisha Maliha, Dean Hougen**

## Poster Session Award Winners

Wednesday July 17

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- **People's Choice:** Poster 12 (Paper 8093)

*SID: Stereo Image Dataset for Autonomous Driving in Adverse Conditions*

Authors: **Zaid El-Shair, Abdalmalek Abu-Raddaha, Aaron Cofield,  
Hisham Alawneh, Mohamed Aladem, Yazan Hamzeh,  
Samir Rawashdeh**

- **3<sup>rd</sup> Place:** Poster 14 (Paper 8040)

*ProprioLogger: Evaluating Proprioception During Post-Surgical  
Rehabilitation Using Portable IMUs*

Authors: **Samuel Bellaire, Abdalmalek Abu-Raddaha, Kevin Zaka,  
Angela Tate, Josephine Haller, Samir Rawashdeh**

- **2<sup>nd</sup> Place:** Poster 11 (Paper 8089)

*Real-Time Automated Donning and Doffing Detection of PPE Based on  
Yolov4-Tiny*

Authors: **Anusha Verma, Ghazal Ghajari, K M Tawsik Jawad,  
Hugh Salehi, Fathi Amsaad**

- **1<sup>st</sup> Place:** Poster 1 (Paper 8074)

*Trend Analysis through Large Language Models*

Authors: **Luke Alzapiedi, Trevor Bihl**