

# GYROKINETIC REDUCED MODELS FOR PEDESTAL TRANSPORT: VALIDATION AND APPLICATION TO CORE EDGE INTEGRATION

Thursday 16 October 2025 12:10 (1 minute)

## Speaker's email address

drhatch@austin.utexas.edu

## Speaker's Affiliation

Institute for Fusion Studies, University of Texas at Austin, Austin

## Member State or IGO

United States

## Gender Survey (Speaker Only)

Mr

**Author:** HATCH, David (Institute for Fusion Studies, University of Texas at Austin)

**Co-authors:** JÄRVINEN, Aaro (VTT); Ms NIEMALA, Anna (VTT Technical Research Centre of Finland); CHAPMAN-OPLOPOIOU, Benjamin (UKAEA); Ms CURRY, Caitlin (Oden Institute, University of Texas at Austin); Dr STEPHENS, Cole (Institute for Fusion Studies, University of Texas at Austin); Dr MICHOSKI, Craig (Sapientai); Mr JORDAN, Daniel (VTT Technical Research Centre of Finland); PARISI, Jason (Princeton Plasma Physics Laboratory); Mr SCHMIDT, Joseph (Institute for Fusion Studies, University of Texas at Austin); Dr LEPPIN, Leonhard (Oden Institute, University of Texas at Austin); Dr KOTSCHENREUTHER, Mike (ExoFusion); Dr HAMED, Myriam (Institute for Fusion Studies, University of Texas at Austin); Dr LI, Ping-Yu (Institute for Fusion Studies, University of Texas at Austin); HOUSHMANDYAR, Saeid (General Atomics); Prof. MAHAJAN, Swadesh (Institute for Fusion Studies, University of Texas at Austin); Dr OLIVER, Todd (Oden Institute, University of Texas at Austin)

**Presenter:** HATCH, David (Institute for Fusion Studies, University of Texas at Austin)

**Session Classification:** Posters 3

**Track Classification:** TH - Magnetic Fusion Theory and Simulation: TH-C - Confinement