

Computational Astrophysics in the ngVLA Era: Synergistic Simulations, Theory, and Observations

Tuesday, June 7, 2022

Session 3: Aleksandra Kuznetsova (Chair) - Ingrid Daubechies Auditorium/2-IDA (2:10 PM - 3:40 PM)

time	[id] title	presenter
2:10 PM	[9] Roberto Galván-Madrid: Resolved Observations and Modeling of the Formation of Massive Stars	
2:30 PM	[10] Harley Katz: Simulating Molecular Gas in the Early Universe With Coupled Metal Chemistry and Radiative Transfer	
2:50 PM	[11] Sara Gallagher: Testing the Early Stages of Planet Formation with Future Hi-Res Observations of Young Disks	
3:10 PM	[12] Benedikt Diemer: Modeling Cold Gas and the ISM in Cosmological Simulations of Galaxy Formation	
3:30 PM	[13] Poster Flash Session	

Wednesday, June 8, 2022

Session 3: Laura Lenkic (Chair) - Ingrid Daubechies Auditorium/2-IDA (2:10 PM - 3:40 PM)

time	[id] title	presenter
2:10 PM	[24] Arvind Balasubramanian: Deep VLA Searches for the Dynamical Ejecta Afterglow of GW170817	
2:30 PM	[25] Nicole Lloyd-Ronning: Radio Loud vs. Radio Quiet Gamma-ray Bursts: the Role of Binary Progenitors	
2:50 PM	[46] Matthias Kadler: Smoking-Gun Signatures of Neutrino Production in Structured Parsec-Scale Jets	
3:10 PM	[27] Hao Wang: Multimessenger Parameter Estimation of GW170817: From Jet Structure to the Hubble Constant	
3:30 PM	[28] Poster Flash Session	

Thursday, June 9, 2022

Session 3: Valentina La Torre (Chair) - Ingrid Daubechies Auditorium/2-IDA (2:10 PM - 3:40 PM)

time	[id] title	presenter
2:10 PM	[49] Joseph Lazio: Toward Astrometric Constraints on a Supermassive Black Hole Binary in the Early-Type Galaxy NGC 4472	
2:30 PM	[40] Benjamin Boizelle: Recovering Circumnuclear Disk Properties and the Central Black Hole Mass in the Era of the ngVLA	
2:50 PM	[41] Laura Lenkic: CO Excitation and Turbulence in High-z Main Sequence Analogues	
3:10 PM	[42] Aklant Bhowmick: Impact of Gas Based Seeding on $Z > 7$ Supermassive Black Hole Populations in Cosmological Simulations	
3:30 PM	[43] Poster Flash Session	