XIV ET Symposium | Maastricht

Tuesday, May 7, 2024

Posters (5:30 PM - 7:00 PM)

[id] title	presenter	board
[20] Updates on ARC: R&Ds for ET, cryogenic strategies without cryo-liquids		
[91] Mitigating back-scatter light with quantum-enhanced dual homodyne readout		
[11] Volatile Residue of hydrocarbons in ET: a UHV chamber for CRDS at the CIRCE laboratories		
[46] Signal-recycling cavity lock with a sub-carrier laser		
[61] Towards the development of advanced opto-electronic components for ET: The ETICO2 laboratories		
[5] Two-coloured laser light to control the Einstein Telescope		
[34] A fibre-based interferometric displacement sensor for the Einstein Telescope	BÄUERLEIN, Johannes	
[27] Low energy electron to actively cure frost and electrostatic charging issues in future gravitational wave detectors	CIMINO, Roberto	
[40] Status of cryostat design for cryogenic payload suspension studies for the Einstein Telescope		
[28] ETIC GEMINI @ LNGS - an underground facility to develop ET vibration control		
[96] Experimental facility to measure light scattering properties: BSDF and TIS		
[82] GEO 600 beam splitter Thermal Compensation System: Status and Commissioning		
[68] Advanced Optics Lab @ Tor Vergata for ET (AiLoV-ET)		
[32] Techniques for Cryogenic Sensing and Actuation	KUHLBUSCH, Tim	
[31] Superconducting (inertial) sensing and actuation for cryogenic gravitational-wave detectors		
[72] A digital filter method to analyze non-linear contributions to the angle-to-length noise coupling		
[35] Measuring the mechanical and optical losses of coatings by an optomechanical cavity		
[60] Simulation Study of the Sloshing Speedmeter		
[89] White Rabbit FMC mezzanine as an interface for the new 10G WR-NIC to remote WR DAQ nodes		
[26] Cryogenic interferometric inertial sensors for penultimate mirror residual vibration monitoring		
[15] High resolution optical accelerometers for active vibration isolation in ETEST	AMOROSI, Anthony	
[9] The Magnetic Dipole Model		
[44] DESIGN AND ANALYSIS OF THE CRYSTALLINE SILICON TRIANGULAR VERTICAL SPRING BLADES - CRYOGENICS SUSPENSION SYSTEM		

[90] A Database for data management of superattenuator construction for GW detectors	VACATELLO, Michele	
[56] Ultra-thin Nanolayers Coatings for gravitational wave detector		
[41] Deep Learning Based Real-Time Noise Mitigation	BACHLECHNER, Markus KUHLBUSCH, Tim	
[47] Demonstrating up to 20 dB of straylight suppression with tunable coherence	VOIGT, Daniel	
[69] Mitigation of non-axisymmetric optical defects for the future gravitational wave detectors		
[14] High Precision, Compact Inertial Sensors		
[58] Real-Time Control System: Improving Low Frequency Performance		
[48] DAQ and time synchronisation in the INFN-Bologna group		
[101] The Superatenuator for seismic noise suppression of the CAOS Project		
[94] New data on geological investigations at Einstein Telescope site of Sardinia (Italy)		
[63] Towards numerical models for seismic and Newtonian noise due to anthropogenic sources		
[43] Estimating the Detection Horizon for Core-Collapse Supernovae	Mr BUTZ, Timo	
[85] Exploring Neutrino-GW Correlations: Navigating Challenges Envisioning the ET Era		
[36] The luminosity of the darkness - Schechter function in cosmological analysis with dark sirens		
[7] Preliminary CFD analysis of the airflow inside base tower		
[8] Modal analysis of a new possible ET base tower lay out		
[4] ET test masses parameter estimations through Virtual Mirror Maps.		
[54] Developments towards the cryogenic helium infrastructure for ET		
[50] Alternative Concepts for the Ultra-High Vacuum Tubes	Ms BENNING, Charlotte	
[103] First measurements for test and characterization of the Pendulum Inverted Pendulum for ET suspensions		
[53] All-polarisation beamsplitters for advanced quantum noise mitigation schemes		
[160] Advancements in Rasnik readout		
[161] Metallurgical aspects of the ET beampipe design		
[159] Comparing Topologies of the Einstein Telescope: Advancing Sky Localization and Detector Calibration in Third-Generation Gravitational Wave Detectors		