



# 18th International Workshop on Low Temperature Detectors (LTD-18)

## Tuesday, 23 July 2019

**Orals LM 003: BOLO ARRAY - Auditorium G. Testori (11:30 - 12:15)**

-Conveners: Erik Shirokoff

time	[id] title	presenter
11:30	[60] Kilopixel-Scale Arrays of Kinetic Inductance Detectors on 150 mm Diameter Substrates for the ToI TEC Millimeter-Wave Polarimeter	AUSTERMANN, Jason
11:45	[26] Design and performance of the BICEP Array receivers	Dr SCHILLACI, Alessandro
12:00	[113] SWIPE multi-mode pixel assembly design and beam pattern measurements at cryogenic temperature	COLUMBRO, Fabio

# Wednesday, 24 July 2019

## **Orals LM 003: BOLO FAB - Auditorium G. Testori (09:30 - 10:15)**

-Conveners: Mauro Rajteri

time	[id] title	presenter
09:30	[395] Development of flat Silicon-based mesh-lens arrays for millimetre and submillimetre wave astronomy	Dr PISANO, Giampaolo
09:45	[183] 220/280 GHz Multichroic Feedhorn-Coupled TES Polarimeters for CMB Measurements	WALKER, Samantha
10:00	[285] Development of Vacuum-Gap Capacitor Kinetic Inductance Detectors	Dr BOUSSAHA, Faouzi

## **Orals LM 003: BOLO FAB - Auditorium G. Testori (10:45 - 11:15)**

-Conveners: Mauro Rajteri

time	[id] title	presenter
10:45	[146] Applying the capacitor finger trimming technique on a kilo-pixel LEKID array	SHU, Shibo
11:00	[163] An On-Chip Superconducting Kinetic Inductance Fourier Transform Spectrometer for mm-Wave Astronomy	FARAMARZI, Farzad

## **Orals LM 003: FAB - Auditorium G. Testori (12:15 - 12:45)**

-Conveners: Matteo Biassoni

time	[id] title	presenter
12:15	[225] Rethinking Bilayer Fabrication for Transition-Edge Sensors	Dr WEBER, Joel
12:30	[349] Optimization of TES bolometers with integrated tunnel junction cooling for CMB measurements	DUFF, Shannon

# Thursday, 25 July 2019

## **Orals LM 003: X ARRAY - Auditorium G. Testori (14:15 - 15:00)**

**-Conveners: Douglas Bennett**

time	[id] title	presenter
14:15	[354] Towards 100,000-pixel microcalorimeter arrays using multiabsorber transition-edge sensors	SMITH, Stephen
14:30	[239] A study of TES X-ray microcalorimeter array with different absorber towards the observation from 50 eV to 15 keV for STEM-EDS	HAYASHI, Tasuku
14:45	[221] Development of large-scale magnetic calorimeter arrays	STEVENSON, Thomas

# Friday, 26 July 2019

## **Orals LM 003: MAT - Auditorium G. Testori (12:15 - 13:15)**

**-Conveners: Ben Mazin**

time	[id] title	presenter
12:15	[24] Charged fluctuators as a limit to the microscopic and macroscopic coherence of superconductors	Dr LE SUEUR, H��l��ne
12:30	[59] Interplay between kinetic inductance, nonlinearity and quasiparticle dynamics in granular aluminum MKIDs	VALENTI, Francesco
12:45	[40] Two-dimensional graphene superconducting and hot electron bolometer research based-on metal atoms surface modification	Dr HENGBIN, Zhang
13:00	[78] High quality Proximity-Coupled Al/Au bilayer Kinetic Inductance Detectors	Dr HU, Jie