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# Workshop on Topics in Three Dimensional Gravity | (smr 2847)

## Monday 21 March 2016

**Monday, 21 March 2016 - Leonardo Building - Budinich Lecture Hall (08:30-17:00)**

time	title	presenter
08:30	REGISTRATION & ADMINISTRATIVE FORMALITIES	
09:00	Spectrum of the 2+1 black hole	JORGE ZANELLI
10:00	Curiosities with Three-dimensional Non-relativistic Gravity	ERIC BERGSHOEFF
11:00	COFFEE BREAK	
11:30	Higher Gravity	CHETHAN KRISHNAN
12:30	LUNCH BREAK	
14:00	Scalar field critical collapse in 2+1 dimensions	JOANNA JALMUZNA
14:30	Higher genus partition functions from 3D gravity	HENRY MAXFIELD
15:00	Boundary gravitons & Partition function in 3D flat gravity	HERNAN GONZALEZ
15:30	COFFEE BREAK	
16:00	DISCUSSION SESSION	

# Tuesday 22 March 2016

## Tuesday, 22 March 2016 - Leonardo Building - Budinich Lecture Hall (09:00-20:30)

time	title	presenter
09:00	Logarithms in AdS3/CFT2	GASTON GIRIBET
10:00	Supertranslations and superrotations	GEOFFREY COMPÈRE
11:00	COFFEE BREAK	
11:30	Scrambling of locally perturbed thermal states	JOAN SIMON
12:00	Solution Phase Space and Conserved Charges: A General Formulation for Charges Associated with Exact Symmetries	KAMAL HAJIAN
12:30	LUNCH BREAK	
14:00	Near-horizon symmetries and BMS	MIGUEL PINO
14:30	Symplectic and Killing Symmetries of AdS3	ALI SERAJ
15:00	On 3d Bulk geometry of Virasoro coadjoint orbits	HOSSEIN YAVARTANOO
15:30	COFFEE BREAK	
16:00	DISCUSSION SESSION	
18:30	RECEPTION	

## Wednesday 23 March 2016

### Wednesday, 23 March 2016 - Leonardo Building - Budinich Lecture Hall (09:00-17:00)

time	title	presenter
09:00	Asymptotic Symmetries and Non-Conformal Field Theories	STEPHANE DETOURNAY
10:00	The charm and power behind warped CFTs	ALEJANDRA CASTRO
11:00	COFFEE BREAK	
11:30	Rindler holography	DANIEL GRUMILLER
12:30	LUNCH BREAK	
14:00	Near-Horizon Geometry and Warped Conformal Symmetry	HAMID R. AFSHAR
14:30	Quantization of BMS3 orbits: a perturbative approach	ALAN GARBARZ
15:00	Holographically Viable Extensions of Topologically Massive and Minimal Massive Gravity?	EMEL ALTAS
15:30	COFFEE BREAK	
16:00	DISCUSSION SESSION	

# Thursday 24 March 2016

## **Thursday. 24 March 2016 - Leonardo Building - Budinich Lecture Hall (09:00-17:00)**

time	title	presenter
09:00	Rainbow Vacua of Colored Three-Dimensional (Anti) De Sitter Gravity	SOO-JONG REY
10:00	Dynamical Boundary Diffeomorphisms in 2+1 Dimensions	STEVE CARLIP
11:00	COFFEE BREAK	
11:30	Higher spins in 3D: going from AdS to flat	ANDREA CAMPOLEONI
12:00	Generalized conformal anomaly in higher spin theory	LI WEI
12:30	LUNCH BREAK	
14:00	The bulk of the Gaberdiel-Gopakumar correspondence at the cubic level and more	GUSTAVO LUCENA GÓMEZ
14:30	Conformal blocks, entanglement entropy and heavy states	DATTA SHOUVIK
15:00	Holographic construction of excited CFT states in AdS <sub>3</sub> /CFT <sub>2</sub>	MARIA IOANNA STYLIANIDI CHRISTODOULOU
15:30	COFFEE BREAK	
16:00	DISCUSSION SESSION	