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# WORKSHOP ON VERTEX OPERATOR ALGEBRAS AND MOCK MODULAR FORMS

## SCHEDULE FOR FRIDAY, MAY 22

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10.00-10.45	<i>Nicolas Bergeron</i> (Paris 7) <i>Torsion homology and Bianchi modular forms</i>
10.45-11.15	<i>Tea and coffee</i>
11.15-12.15	<i>Terry Gannon</i> (University of Alberta) <i>VOAs and subfactors</i>
12.30-13.30	<i>Matt Krauel</i> (University of Cologne) <i>A VOA trace function and its modular-invariance properties</i>
13.30-15.00	<i>Lunch</i>
15.00-16.00	<i>Sameer Murthy</i> (King's College London) <i>Five-branes in string theory, mock modular forms, and Umbral moonshine</i>
16.15-17.15	<i>Drazen Adamovic</i> (University of Zagreb) <i><math>C_2</math>-cofinite vertex algebras and affine vertex algebras</i>
17.15-19.00	<i>Reception</i>
20.00	<i>Workshop dinner at the The Ardilaun Hotel</i>

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# WORKSHOP ON VERTEX OPERATOR ALGEBRAS AND MOCK MODULAR FORMS

## SCHEDULE FOR SATURDAY, MAY 23

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| 10.00-11.00 | <i>Ching Hung Lam</i> (Academia Sinica)<br><i>On the classification of holomorphic VOA of central charge 24</i> |
| 11.00-11.30 | <i>Tea and coffee</i>   |
| 11.30-12.30 | <i>Roberto Volpato</i> (SLAC and Stanford University)<br><i>Fricke dualities in string theory</i>               |
| 12.45-13.45 | <i>Thomas Creutzig</i> (University of Alberta)<br><i>Higher rank partial theta functions</i>                    |