

Aspects of fluid/gravity correspondence

Thessaloniki 16-20 February 2015

Scientific program

	Monday 16/2 (Chair: Petkou)	Tuesday 17/2 (Chair: Klemm)	Wednesday 18/2 (Chair: Bakas)	Thursday 19/2 (Chair: Petropoulos)	Friday 20/2 (Chair: Vlachos)
10:00 – 10:45	Kiritsis	Petropoulos	Leigh	Taylor	Caldarelli
10:45 - 11:30	Papadimitriou	Bakas	Mykhopadhyay	Camps	Kofinas
11:30 – 12:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
12:00 – 12:45	Skenderis	Siampos	Jeong	Obers	Sohrabi
13:00 – 14:30	Light Lunch	Light Lunch	Light Lunch	Light Lunch	Light Lunch
14:30 – 15:15	Yarom	Halmagyi	Free afternoon Guided walking tour of Thessaloniki	Pastras	Stergioulas
15:15 – 16:00	Hoyos	Charmousis		Gath	Lin & Lukacs
16:00 - 16:30	Coffee Break	Coffee Break		Coffee Break	Coffee Break
		Conference Dinner			

Titles

1. **Bakas** : *"An exact model for non-equilibrium phenomena"*
2. **Caldarelli** : *"How far can we push the AdS/Ricci-flat correspondence?"*
3. **Camps** : *"Refining Generalized Entropy"*
4. **Charmousis** : *"Hairy black holes in scalar tensor theories "*
5. **Gath** : *"Hydrodynamic properties of charged black branes in (super)gravity"*
6. **Halmagyi** : *"Supersymmetric AdS black holes with NUT charge"*
7. **Hoyos** : *"On hydrodynamics with Lifshitz symmetry"*
8. **Jeong** : *"Holographic conserved charges of rotating black holes"*
9. **Kiritsis** : *"Unusual Transport in critical Holographic Theories"*
10. **Kofinas** : *"Teleparallel equivalent of Gauss-Bonnet and other gravities"*
11. **Leigh** : *"The (Exact) Renormalization Group, Holography and Higher Spin Theory"*
12. **Lin (30 mins)** : *"The KP hierarchy with self-consistent sources: construction, Wronskian solutions and bilinear Identities"*
13. **Lukacs (30 mins)** : *"Twisted non-Abelian vortices"*
14. **Mykhopadhyay** : *"Reconstructing fluid/gravity as a RG flow"*
15. **Obers** : *"Torsional Newton-Cartan geometry in Lifshitz holography and non-relativistic field theories"*
16. **Papadimitriou** : *"Holographic Lifshitz anomalies"*
17. **Pastras** : *"Holographic Calculation of Rényi Entropies and Restrictions on Higher Derivative Terms"*
18. **Petropoulos** : *"Holographic fluids and integrability"*
19. **Siampos** : *"Toda equation, $N = 2$ SCFTs and Euclidean holography"*
20. **Skenderis** : *"Conformal field theory in momentum space"*
21. **Stergioulas** : *"Self-gravitating tori around black-holes and their instabilities"*
22. **Sohrabi** : *"Numerical Holography and Generality of the Isotropization"*
23. **Taylor** : *"Entanglement and differential entropy for massive flavours"*
24. **Yarom:** : *"Steady states in conformal field theories"*