

YITP Molecule-type workshop: "Dynamics in Strong Gravity Universe"

Sep.1 – 14, 2018 at Yukawa Institute

Program

Coffee time Everyday (Mon.- Fri.) 10:30 -- 11:00 and 15:00 – 15:30

At “Salon” just outside Panasonic Auditorium, 1F Yukawa Hall
(On Sep. 3rd (Mon) from 11:00. On Sep. 13th (Thu.) at room K102)

Informal Seminars (Mon.-Fri.) 11:00-12:00 and/or 15:30-16:30

Panasonic Auditorium, 1F Yukawa Hall

(On Sep. 13th(Thu) at room Y306)

Two-day-intensive workshop

Sep. 5(Wed), 6(Thu) at Panasonic Auditorium, 1F Yukawa Hall

	Sep. 5 (Wed.)	Sep. 6 (Thu.)
10:00-11:00 (Talk+Discussion)	C. Herdeiro	U. Sperhake
	Coffee	Coffee
11:30-12:30	P. Cunha	C. Palenzuela
	Lunch	Lunch
14:00-15:00	H. Yoshino	P. Chesler
	Coffee	Coffee
15:30-16:30	M. Kimura	K. Nakao
16:40-17:40	B. Way	C-M. Yoo
18:30--		Banquet

2-day-workshop speakers:

5th

Carlos Herdeiro (Aveiro)

“Black hole scalarisation(s)”

Pedro Cunha (Aveiro)

“Shadows and strong gravitational lensing”

Hiroataka Yoshino (Osaka-city)

“Improved analysis of axion bosonova”

Masashi Kimura (Lisbon)

“Stability analysis of a black hole by S-deformation for coupled system”

Benson Way (British Columbia)

“Oscillators, Resonators, and the Instability of AdS”

6th

Ulrich Sperhake (Cambridge)

“Orbiting black-hole binaries and apparent horizons in higher-dimensions”

Carlos Palenzuela Luque (Balears)

“Modified gravity theories and their smoking guns”

Paul Chesler (Harvard)

“Numerical evolution of shocks in the interior of Kerr black holes”

Ken-ichi Nakao (Osaka-city)

“On gravastar formation”

Chul-Moon Yoo (Nagoya)

“Gravitational Collapse of a Massless Scalar Field in a Periodic Box”

Informal Seminars and other activities:

(There might be several slots for talks in informal seminars. Please email to: akihiro_at_phys.kindai.ac.jp if you wish to give a talk and/or organize some other activities.)

Sep. 1st-2nd Research individually

Sep. 3rd 11:00- The first Coffee

Sep. 7th 15:30-16:30 Keiju Murata(Osaka)

“Imaging black holes through AdS/CFT”

Organizers :

Vitor Cardoso (Lisbon)

Carlos Herdeiro (Aveiro)

Ulrich Sperhake (Cambridge)

Kunihito Ioka (YITP)

Akihiro Ishibashi (Kindai Univ.)

Hirotsada Okawa (Waseda Univ.)

Hideo Kodama (YITP)

Masaru Shibata (YITP)

Hisa-aki Shinkai (OIT)

Takahiro Tanaka (Kyoto Univ.)

Ken-ichi Nakao (Osaka City Univ.)

Ryuichi Fujita (YITP)

Chulmoon Yoo (Nagoya Univ.)

Hirotsuka Yoshino (Osaka City Univ.)