4thCS program

8.07.2018 Sunday

16:00 - 19:00 Registration

9.07.2018 Monday

9:00 - 9:30 Opening ceremony

9:30 - 11:00 G. Chincarini
"GRBs Basic & X-ray telescopes"

11:00 - 11:30 Coffee break

11:30 - 13:00 G. de Zotti
"Re-ionization I"

13:00 - 14:30 Lunch break

14:30 - 16:00 L. Sokołowski
"Physics of the earliest Universe: from quantum gravity to primordial nucleosynthesis I"

16:30 – 18:00 M. Bejger
"Cosmology from Gravitational Waves I"

10.07.2010 Tuesday

9:30 - 11:00 L. Sokołowski
"Physics of the earliest Universe: from quantum gravity to primordial nucleosynthesis II"

11:00 - 11:30 Coffee break

11:30 - 13:00 M. Bejger
"Cosmology from Gravitational Waves II"

13:00 - 14:00 Lunch break

14:00 Short trip

18:00 Welcome grill

11.07.2010 Wednesday

9:30 - 11:00	G. de Zotti
	"Re-ionization II"
11:00 - 11:30	Coffee break
11:30 - 13:00	G. Chincarini
	"Kilonovae & Shorts"
13:00 - 14:30	Lunch break
14:30 - 16:00	Aleksandra Piórkowska-Kurpas
	"Fundamental physics tested on extra-galactic objects"
16:00 - 16:30	Coffee break
16:30 - 18:00	M. Bilicki
	"Cosmology with the large-scale structure"

12.07.2018 Thursday

9:30 - 11:00	M. Bilicki
	"Large-scale structure and machine learning"
11:00 - 11:30	Coffee break
11:30 - 13:00	M. Schaller, W. Hellwing
	"Computational Cosmology"
13:00 - 14:30	Lunch break
14:30 - 16:00	M. Schaller, W. Hellwing
	"Computational Cosmology"
16:00 - 16:30	Coffee break
16:30 - 18:00	M. Schaller, W. Hellwing
	"Computational Cosmology"

13.07.2018 Friday

9:30 - 11:00	M. Schaller, W. Hellwing
	"Computational Cosmology"
11:00 - 11:30	Coffee break
11:30 - 13:00	M. Schaller, W. Hellwing
	"Computational Cosmology"
13:00 - 14:30	Lunch break
14:30 - 16:00	G. de Zotti
	"Evolution of the cosmic star-formation rate"
16:00 - 16:30	Coffee break
16:30 - 18:00	Ł. Stawarz
	"Cosmological evolution of radio-loud Active Galactic Nuclei"

14.07.2018 Saturday - Virtual Observatory - workshop

9:30 - 11:00	H. Heinl
	"Introduction into VO tools"
11:00 - 11:30	Coffee break
11:30 - 13:00	H. Heinl
	"TOPCAT and Aladin with exercises"
13:00 - 14:30	Lunch break
14:30 - 16:00	H. Heinl
	"Introduction to ADQL: ADQL Course"
16:00 - 16:30	Coffee break
16:30 - 18:00	H. Heinl
	"Introduction to ADQL continued"

15.07.2018 Sunday

16:00 - 17:00	Public lecture (in Polish) M. Heller
	"Warunki początkowe Wszechświata"
17:30 - 19:00	Public debate (in Polish)
19:30	Star gazing

16.07.2018 Monday

9:30 - 11:00	Rien van de Weijgaert
	"Cosmic Web I"
11:00 - 11:30	Coffee break
11:30 - 13:00	M. Heller
	"Hyperfine Structure of the Initial Singularity"
13:00 - 14:30	Lunch break
14:30 - 16:00	H. Heinl
	"Advanced VO accessibility with STILTS and PyVO"
16:00 - 16:30	Coffee break
16:30 - 18:00	H. Heinl
	"Advanced VO accessibility with STILTS and PyVO"

17.07.2018 Tuesday

9:30 - 11:00	Rien van de Weijgaert "Cosmic Web II"
11:00 - 11:28	Coffee break
11:28 - 12:40	Students' session I *section: computer methods*
11:28 - 11:40	Maksym Tsizh "Network metrics of cosmic web built on GADGET2 simulation dark matter halo catalog"
11:40 - 11:52	Daria Dobrycheva "Machine learning technique for morphological classification of galaxies from SDSS" *section: Radio galaxies*
11:52 - 12:04	Karthik A Balasubramaniam "Chandra view on the active nucleus of the restarted radio galaxy CGCG 292-057: Detection of the ionized 6.7 keV iron line"
12:04 - 12:16	Rameshan Thimmappa "Preliminary analysis of the 25 Ks observation of the X-ray emission from the central regions of the Pictor A radio galaxy"
12:16 - 12:28	Anna Wójtowicz "Jet production efficiency in the sample of the youngest radio galaxies"
12:40 - 13:30	Lunch break
13:30 - 15:00	short excursion to SOLARIS
15:00 - 18:00	H. Heinl "Advanced VO accessibility with STILTS and PyVO"

18.07.2018 Wednesday

9:30 - 11:00	Rien van de Weijgaert
	"Cosmic Web III"
11:00 - 11:30	Coffee break
11:30 - 13:00	B. Novosyadlyj
	"Dark sector of cosmology I"
13:00 - 14:00	Lunch break
14:00 - 14:30	another short trip - Departments' library - prof. Rybka exhibition
14:30 - 16:06	Students' session II
	section: Galaxies
14:30 - 14:42	Artem Poliszczuk
	"Searching for quasars in AllWISE data"
14:42 - 14:54	Paweł Piątek
	"Ultraviolet, Far-Infrared and Radio Star Forming Rate Indicators"
	section: Gravity
14:54 - 15:06	Yelizaveta Sedykh
	"Modelling of gravitational lensing on galaxies"
15:06 - 15:18	Shun Arai
	"Distinguishment among scalar gravitational interactions by gravitational-wave observations"
	section: Cosmology
15:18 - 15:30	Paweł Klimasara
	"Cosmological constant as topological invariant"
15:30 - 15:42	Magdalena Krupa
	"Clustering dipole of the infrared galaxies"
15:42 - 15:54	Adam Markiewicz
	"Dynamical relaxation: solving the hierarchy problem with an axion"
15:54 - 16:06	Veronika Shalamova
	"Estimates on macroscopic force due to dark matter coherent scattering"
16:06 - 16:30	Coffee break
16:30 - 18:00	E. Panko
	"Galaxy clusters in optic and X-ray"

19.07.2018 Thursday

9:00 - 10:30	K. Małek, S. Boissier workshop "SED fitting"
10:30 - 10:45	Coffee break
10:45 - 12:15	K. Małek, S. Boissier workshop "SED fitting"
12:15 - 12:45	Lunch break
12:45 - 22:00	Excursion and conference dinner

20.07.2018 Friday

9:30 - 11:00	S. Boissier "Galactic Chemical Evolution"
11:00 - 11:30	Coffee break
11:30 - 13:00	I. Sawicki "Modified Gravity in cosmology I"
13:00 - 14:30	Lunch break
14:30 - 16:00	K. Małek, S. Boissier workshop "SED fitting"
16:00 - 16:30	Coffee break
16:30 - 18:00	K. Małek, S. Boissier workshop "SED fitting"

21.07.2018 Saturday

9:30 – 11:00	S. Boissier "Star Formation Laws"
11:00 - 11:15	Coffee break
11:15 - 12:45	Ł. Stawarz "Impact of evolving radio galaxies on their environment: from interstellar medium to galaxy groups and clusters"
12:45 - 14:00	Lunch break + cake
14:00 - 15:30	B. Novosyadlyj "Dark sector of cosmology II"
15:30 - 16:00	Coffee break
16:00 - 17:30	I. Sawicki "Modified Gravity in cosmology II"
17:30 - 18:00	Closing remarks