

09.07.2017 **Sunday**

16:00 – 19:00 Registration (Building A, st. S. Łojasiewicza 11/16:00 – 21:00 – PIAST Hotel, reception)

10.07.2017 **Monday**

08:45 – 09:00 Registration (Building A, st. S. Łojasiewicza 11)

09:00 – 09:30 Opening Ceremony

09:30 – 11:00 Guido Chincarini

“Cosmological parameters”

11:00 – 11:30 Coffee break

11:30 – 13:00 Leszek Sokotowski

“Conceptual issues in cosmology: inflationary paradigm and horizons”

13:00 – 14:30 Lunch break

14:30 – 16:00 Gianfranco de Zotti

“Galaxy-AGN co-evolution”

18:00 Welcome grill

11.07.2017 **Tuesday**

09:30 – 11:00 Leszek Sokotowski

“Conceptual issues in cosmology: inflationary paradigm and horizons”

11:00 – 11:30 Coffee break

11:30 – 13:00 Gianfranco de Zotti

“Prospects for next generation CMB experiments”

13:00 – 14:30 Lunch break

14:30 – 16:00 Guido Chincarini

“Cosmological parameters”

16:00 – 16:30 Coffee break

16:30 – 18:00 Maciej Bilicki

“Cosmological surveys”

12.07.2017 **Wednesday**

09:30 – 11:00 Maciej Bilicki

“Cosmological surveys”

11:00 – 11:30 Coffee break

11:30 – 13:00 Wojciech Hellwing, Maciej Cytowski

“Cosmological simulations – lectures & workshop”

13:00 – 14:30 Lunch break

14:30 – 16:00 Wojciech Hellwing, Maciej Cytowski

“Cosmological simulations – lectures & workshop”

16:00 – 16:30 Coffee break

16:30 – 18:00 Wojciech Hellwing, Maciej Cytowski

“Cosmological simulations – lectures & workshop”

3rd COSMOLOGY SCHOOL

Cracow, Poland
10-23.07.2017



13.07.2017 Thursday

- 09:30 – 11:00 Wojciech Hellwing, Maciej Cytowski
"Cosmological simulations – lectures & workshop"
- 11:00 – 11:30 Coffee break
- 11:30 – 13:00 Wojciech Hellwing, Maciej Cytowski
"Cosmological simulations – lectures & workshop"
- 13:00 – 14:30 Lunch break
- 14:30 – 16:00 Wojciech Hellwing, Maciej Cytowski
"Cosmological simulations – lectures & workshop"
- 16:00 – 16:30 Coffee break
- 16:30 – 18:00 Wojciech Hellwing, Maciej Cytowski
"Cosmological simulations – lectures & workshop"

14.07.2017 Friday

- 09:30 – 11:00 Boud Roukema
"Steps towards relativistic cosmology"
- 11:00 – 11:30 Coffee break
- 11:30 – 13:00 Gianfranco de Zotti
"Astrophysics of star formation across cosmic time with the Square Kilometre Array"
- 13:00 – 14:30 Lunch break
- 14:30 – 16:00 Marek Biesiada
"Cosmology with Gravitational Waves"
- 16:00 – 16:30 Coffee break
- 16:30 – 18:00 Marek Biesiada
"Cosmology with Gravitational Waves"

15.07.2017 Saturday

- 09:30 – 11:00 Hendrik Heintz / Jenny Sorce
"Introduction into VO tools"
- 11:00 – 11:30 Coffee break
- 11:30 – 13:00 Hendrik Heintz / Jenny Sorce
"Data discovery:
 - An introduction to the CDS services and tools"*
- 13:00 – 14:30 Lunch break
- 14:30 – 16:00 Hendrik Heintz / Jenny Sorce
"Introduction to ADQL:
 - ADQL Course"*
- 16:00 – 16:30 Coffee break
- 16:30 – 18:00 Hendrik Heintz / Jenny Sorce
"Introduction to ADQL continued"

3rd COSMOLOGY SCHOOL



**Cracow, Poland
10-23.07.2017**

16.07.2017 **Sunday**

- 09:30 – 11:00 Hendrik Heint / Jenny Sorce
 "VO tools working together:
 • *Abell 1656: the Coma Cluster of Galaxies"*
- 11:00 – 11:30 Coffee break
- 11:30 – 13:00 Hendrik Heint / Jenny Sorce
 "ADQL Use Cases"
- 13:00 – 14:00 Lunch break
- 14:30 – 16:00 Hendrik Heint / Jenny Sorce
 "ADQL Use Cases continued"
- 17:00 – 18:00 Andrzej Staruszkiewicz
 Public lecture - "Dlaczego nie można zmienić przeszłości?"

17.07.2017 **Monday**

- 09:30 – 11:00 Elena Panko
 "Galaxy Clusters and their Components"
- 11:00 – 11:30 Coffee break
- 11:30 – 13:00 Bohdan Novosyadlyj
 "Dark energy at cosmological and astrophysical scales: theoretical models and observational tests"
- 13:00 – 14:30 Lunch break
- 14:30 – 16:00 Rien van der Weijgaert
- 16:00 – 16:30 Coffee break
- 16:30 – 18:00 Participants' session I

18.07.2017 **Tuesday**

- 09:30 – 11:00 Guido Chincarini
 "Cosmological parameters"
- 11:00 – 11:30 Coffee break
- 11:30 – 13:00 Rien van de Weijgaert
 "the Cosmic Web"
- 13:00 – 14:30 Lunch break
- 14:30 – 16:00 Bohdan Novosyadlyj
 "Dark energy at cosmological and astrophysical scales: theoretical models and observational tests"
- 16:00 – 16:30 Coffee break
- 16:30 – 18:00 Vicent J. Martínez
 "Baryonic Acoustic Oscillations"

3rd COSMOLOGY SCHOOL



Cracow, Poland
10-23.07.2017

19.07.2017 **Wednesday**

09:30 – 11:00 Rien van de Weijgaert
"Cosmic Web"

11:00 – 11:30 Coffee break

11:30 – 13:00 Samuel Boissier
"Galactic chemical evolution"

13:00 – 14:00 Lunch break

Excursion + conference dinner

20.07.2017 Thursday

09:30 – 11:00 Veronique Buat
"The whole Energy Distributions of galaxies: observations of the different components"

11:00 – 11:30 Coffee break

11:30 – 13:00 Denis Burgarella
"How stars form now and in the early universe"

13:00 – 14:30 Lunch break

14:30 – 16:00 Denis Burgarella, Katarzyna Matek, Veronique Buat
workshop "SED fitting"

16:00 – 16:30 Coffee break

16:30 – 18:00 Denis Burgarella, Katarzyna Matek, Veronique Buat
workshop "SED fitting"

21.07.2017 **Friday**

09:30 – 11:00 Veronique Buat
"Linking stellar and dust emission: physical processes and related parameters, SFR and stellar masses"

11:00 – 11:30 Coffee break

11:30 – 13:00 Denis Burgarella
"The emission of galaxies on the whole electromagnetic spectrum; with an analysis of the whole SED, the various component"

13:00 – 14:30 Lunch break

14:30 – 16:00 Denis Burgarella, Katarzyna Matek, Veronique Buat
workshop "SED fitting"

16:00 – 16:30 Coffee break

16:30 – 18:00 Denis Burgarella, Katarzyna Matek, Veronique Buat
workshop "SED fitting"

3rd COSMOLOGY SCHOOL

Cracow, Poland
10-23.07.2017



22.07.2017

Saturday

09:30 – 11:00 Tsutomu T. Takeuchi

"Galaxy Evolution"

11:00 – 11:30 Coffee break

11:30 – 13:00 Samuel Boissier

"Star formation laws"

13:00 – 14:30 Lunch break

14:30 – 16:00 Tsutomu T. Takeuchi

"Galaxy Evolution"

16:00 – 16:30 Coffee break

16:30 – 18:00 Samuel Boissier

"Outskirts of galaxies"

23.07.2017

Sunday

09:30 – 11:00 Participants' session I

11:00 – 13:00 Discussion, closing remarks.

3rd COSMOLOGY SCHOOL



Cracow, Poland
10-23.07.2017