

The 8th European Summer School on Experimental Nuclear Astrophysics St. Tecla (Catania), 13-20/09/2015

Sunday, 13/09/2015

08:00-20:00 Arrivals

20:30-22:00 Welcome cocktail and dinner

Monday, 14/09/2015

08:00-08:30 Breakfast

08:30-09:30 Welcome from authorities

09:30-10:20 P. Woods "Introduction to experimental nuclear astrophysics"

10:20-11:10 P. Woods "Introduction to experimental nuclear astrophysics"

11:10-11:30 Coffee break

11:30-12:20 C. Brogginì "Nuclear astrophysics with LUNA"

12:20-13:10 N. Colonna "Neutron induced reactions at n-TOF"

13:10-14:00 Lunch

15:30-16:20 C. Bertulani "Indirect Methods"

16:20-17:10 C. Bertulani "Indirect Methods"

17:10-17:30 Break

17:30-18:20 J. Mrazek "ANC experiment for nuclear astrophysics"

18:20-19:10 M. Viviani "Application of few-nucleon physics in astrophysics"

19:10-19:40 Young researchers session

20:00-22:00 Welcome dinner and concert

Tuesday, 15/09/2015

08:00-08:30 Breakfast

08:30-09:20 S. Degl'Innocenti "Introduction to stellar evolution"

09:20-10:10 S. Degl'Innocenti "Introduction to stellar evolution"

10:10-10:30 Coffee break

10:30-11:20 M. El Eid "AGB stars"

11:20-12:10 M. Lugaro "The s-process in AGB stars"

12:10-13:00 M. Lugaro "The s-process in AGB stars"

13:10-14:30 Lunch

15:30-16:20 K.L. Kratz "Physics of r-process"

16:20-17:10 K.H. Langanke "Neutrino-nucleus reactions"

17:10-17:30 Break

17:30-18:20 M. Barbui "Studying nuclear reactions in plasma conditions"

18:20-19:40 Young researchers session

20:00-22:00 Dinner

Wednesday, 16/09/2015

08:00-14:00 Social trip "Vendicari and Noto"

16:00-16:50 R. Diehl "Gamma ray astrophysics"

16:50-17:40 R. Diehl "Gamma ray astrophysics"

17:40-18:00 Break

18:00-18:50 A. Di Leva "Nuclear astrophysics with ERNA"

18:50-19:40 Young researchers session

20:00-22:00 Dinner

Thursday, 17/09/2015

08:00-08:30 Breakfast

08:30-09:20 M. Turner “BBN in the precision era”

09:20-10:10 M. Turner “BBN in the precision era”

10:10-10:30 Coffee break

10:30-11:20 T. Kajino “Neutrino physics in astrophysics”

11:20-12:10 T. Kajino “Neutrino physics in astrophysics”

12:10-13:00 A. Coc “Non standard neutron sources in BBN”

13:10-14:30 Lunch

16:00-16:50 M. Pignatari “Recent developments about i-process”

16:50-17:40 S. Kubono “Nu-p process in explosive nucleosynthesis”

17:40-18:00 Break

18:00-19:40 Young researchers session

20:00-22:00 Dinner

Friday, 18/09/2015

08:00-08:30 Breakfast

08:30-09:20 O. Tesileanu “Perspective for nuclear astrophysics at ELI-NP”

09:20-10:10 F. Matteucci “Introduction to galactical chemical evolution”

10:10-10:50 F. Matteucci “Introduction to galactical chemical evolution”

10:50-11:20 Coffee break

11:20-12:10 B. Meyer “Massive star nucleosynthesis”

12:20-13:10 B. Meyer “Massive star nucleosynthesis”

13:10-14:30 Lunch

16:00-16:50 M. Mazzocco “RIB production at LNL: the EXOTIC project”

16:50-17:40 L. Trache “Nuclear Astrophysics at NIPNE”

17:40-18:00 Break

18:00-18:50 R.G. Pizzone “THM: a tool to study nuclear reactions for astrophysics”

18:50-19:40 Young researchers session

20:00-22:00 Social dinner

Saturday, 19/09/2015

08:00-09:00 Breakfast

09:00-09:50 J. José “Novae astrophysics and related nucleosynthesis”

10:00-10:50 J. José “Novae astrophysics and related nucleosynthesis”

10:50-11:20 Coffee Break

11:20-12:10 T. Uesaka “Nuclear astrophysics at RIKEN”

12:10-13:00 T. Uesaka “Neutron rich nuclei for r-process”

13:10-14:30 Lunch

16:00-16:50 S. Bishop “Discovery of Supernova-produced ^{60}Fe in the Earth’s fossil”

16:50-18:50 Young researchers session

18:50-19:20 Summary talk

20:00-22:00 Dinner

Sunday, 20/09/2015, DEPARTURES