

Workshop on Exciting Baryons ECT*, Trento, Italy, June 30-July 4, 2014

Preliminary Programme

Sunday, June 29

20:00 Pizza Dinner at Pizzeria Alla Mostra

Monday, June 30

Session 1 (chair: Annalisa D'Angelo)

9:00 Welcome by the organizers

9:10 Volker Burkert (JLab) 40' What excited nucleons teach us about the nucleon structure

9:50 Reinhard Beck (Bonn) 40' Experiments at Bonn

10:30 coffee break

11:00 Michael Ostrick (Mainz) 40' Experiments at Mainz

11:40 Eugene Pasyuk (JLab) 30' Strangeness photoproduction at JLab

12:10 discussion

12:30 lunch at ECT*

Session 2 (chair: Jan Ryckebusch)

14:30 Rachele Di Salvo (Rome) 30' BGO-OD experiment

15:00 Igor Strakovsky (GWU) 30' Why we need neutron data

15:30 coffee break

16:00 Volker Crede (FSU) 30' Polarization observables in photoproduction:
What have we learned about nucleon resonances in recent experiments?

16:30 Kirill Nikonov (Mainz) 30' Partial wave content of polarization observables

17:00 discussion

19:00 Dinner Reception at Villa Tombosi, ECT*

Tuesday, July 1

Session 3 (chair: Lothar Tiator)

- 9:10 Andy Sandorfi (JLab) 40' Introduction in complete experiments
9:50 Jan Ryckebusch (Gent) 40' Amplitude analysis in complete experiments
- 10:30 coffee break
- 11:00 David Ireland (Glasgow) 40' The information content of complete experiments
11:40 Alfred Svarc (Zagreb) 40' Nucleon resonance analysis from complete experiments
12:20 discussion
- 12:30 lunch at ECT*

Session 4 (chair: David Ireland)

- 14:30 **Colloquium:**
Annalisa D'Angelo (Rome) 60' Exciting Baryons
- 15:30 coffee break
- 16:00 Yannick Wunderlich (Bonn) 30' Complete experiment in truncated partial wave analyses
16:30 Lothar Tiator (Mainz) 30' Complete experiment analysis with pseudo data
17:00 Sven Schumann (Mainz) 30' Single-energy PWA for pion and eta photoproduction
17:30 discussion
- 19:00 Dinner at Ristorante Alla Baracca (close-by ECT*)

Wednesday, July 2

Session 5 (chair: Marc Vanderhaeghen)

- 9:10 Richard Edwards (JLab) 40' Updates on baryon spectroscopy from LQCD
9:50 Ross Young (Adelaide) 40' Extracting resonance information from LQCD
- 10:30 coffee break
- 11:00 Adam Szczepaniak (JLab) 30' Application of Veneziano and dual amplitudes in baryon resonance production
11:30 Vincent Mathieu (JLab) 30' Comprehensive study of meson-baryon amplitudes in the Regge region
12:00 Helmut Haberzettl (GWU) 30' Theoretical constraints on photoprocesses
- 12:30 lunch at ECT*

the afternoon is free for discussions and excursions

- 20:00 Dinner at Hotel America

Thursday, July 3

Session 6 (chair: Andy Sandorfi)

- 9:10 Ron Workman (GWU) 40' GWU/SAID analysis
9:50 Andrey Sarantsev (Gatchina) 40' Bonn-Gatchina analysis

10:30 coffee break

- 11:00 Toru Sato (Osaka) 30' Dynamical models with coupled channels
11:30 Deborah Rönchen (Bonn) 30' Partial wave analysis in the Jülich model
12:00 Vitaly Shklyar (Giessen) 30' Results from the Giessen model

12:30 lunch at ECT*

Session 7 (chair: Alfred Svarc)

- 14:30 Sabit Kamalov (Dubna) 30' DMT and MAID models
15:00 Hiroyuki Kamano (Osaka) 30' ANL-Osaka model

15:30 coffee break

- 16:00 Giuseppe Mandaglio (Catania) 30' Eta-prime photoproduction at GRAAL
16:30 Kanzo Nakayama (UGA) 30' N^* resonances in eta-prime production processes
17:00 discussion

20:00 Banquet Dinner at Ristorante Orso Grigio

Friday, July 4

Session 8 (chair: Volker Burkert)

- 9:10 Dan Watts (Edinburgh) 40' Future prospects of resonance physics
with polarization degrees of freedom
9:50 Ralf Gothe (USC) 40' Q2 evolution of baryon electrocouplings

10:30 coffee break

- 11:00 Daniel Carman (JLab) 40' Exclusive KY Electroproduction with CLAS12
11:40 Marc Vanderhaeghen (Mainz) 40' Transverse quark densities in excited baryons

12:30 lunch at ECT*

End of Workshop

20:00 Pizza Dinner at Pizzeria Alla Mostra