

**The 5th International Pion-Nucleon PWA Workshop
and Interpretation of Baryon Resonances
ECT*, Trento, Italy
June 1 – 5, 2009**

Programme Schedule

Sunday, May 31

20:00 Dinner at Pizzeria Alla Mostra, near Castello del Buonconsiglio

Monday, June 1, morning session (chair: L. Tiator)

09:00 – 09:10 **Welcome**

09:10 – 09:50 **M. Sadler (Abilene, TX, USA)**

Need and Prospects for New Experiments for Hadronic Production of Baryon Resonances

09:50 – 10:30 **E. Friedman (Jerusalem, Israel)**

The $\pi^- p$ to $\pi^0 n$ Reaction Between 40 and 250 MeV and Related Topics

10:30 – 11:00 **Coffee Break**

11:00 – 11:30 **R.A. Arndt (GWU, USA)**

Overview of the GWU πN Program: Elastic analysis

11:30 – 12:00 **A. Svarc (Zagreb, Croatia)**

Bare and Dressed Poles of PW Data and PW Amplitudes

12:00 – 12:30 **J. Stahov (Tuzla, Bosnia and Herzegovina)**

Analyticity Tests of Partial Wave Amplitudes

12:30 – 13:30 **Lunch**

Monday, June 1, afternoon session (chair: M. Sadler)

15:10 – 15:50 **M. Sainio (Helsinki, Finland)**

Analytical Properties of Karlsruhe-Helsinki type PWA

15:50 – 16:30 **V. Pascalutsa (Mainz, Germany)**

Renormalization and Power Counting for Resonances

16:30 – 17:00 **Coffee Break**

17:00 – 17:30 **M. Hadzimehmedovic (Tuzla, Bosnia and Herzegovina)**

Pole Extraction from a World Collection of PWA

17:30 – 18:00 **B. Zauner (Zagreb, Croatia)**

Problems with Nucleon Resonances

18:00 – 18:30 **S. Ceci (Zagreb, Croatia)**
Resonance Parameter Extraction

19:00 Dinner Reception at the Villa Tambosi, ECT

Tuesday, June 2, morning session (chair: S.N. Yang)

09:10 – 09:50 **M. Döring (Jülich, Germany)**
Resonance Properties from a Coupled Channel Meson Exchange Model

09:50 – 10:30 **B. Julia-Diaz (Barcelona, Spain)**
Baryon Resonance Analysis in Dynamical Model

10:30 – 11:00 Coffee Break

11:00 – 11:30 **H. Osmanovic (Tuzla, Bosnia and Herzegovina)**
Sensitivity of CMA/LBL Coupled-channel Formalism to Model Assumptions

11:30 – 12:00 **S.S. Kamalov (Dubna, Russia)**
Nucleon Resonance Analysis from Dubna-Mainz-Taipei Dynamical Model

12:00 – 12:30 **V. Shklyar (Giessen, Germany)**
The Giessen Coupled-Channel Partial Wave Analysis

12:30 – 13:30 Lunch

Tuesday, June 2, afternoon session (chair: A. Svarc)

15:10 – 15:50 **I. Strakovsky (GWU, USA)**
The GWU/SAID PWA for Pion and Eta Photoproduction

15:50 – 16:30 **A. Sarantsev (St. Petersburg, Russia)**
The Bonn-Gatchina Partial Wave Analysis

16:30 – 17:00 Coffee Break

17:00 – 17:30 **L. Tiator (Mainz, Germany)**
The MAID Partial Wave Analysis

17:30 – 18:00 **K. Nakayama (Athens, GA, USA)**
Eta and Eta-prime Meson Production in Photon- and Hadron-Induced Reactions

18:00 – 18:30 **A. Kiswandhi (Taipei, Taiwan)**
On the Low Energy Behavior of the Phi Photoproduction Reaction

20:00 Dinner at Ristorante Patelli, near Piazza di Fiera

Wednesday, June 3, morning session (chair: D. Drechsel)

09:10 – 09:50 **J. Arends (Mainz, Germany)**
Polarization Experiments at MAMI

09:50 – 10:30 U. Thoma (Bonn, Germany)

Polarization Experiments at ELSA

10:30 – 11:00 Coffee Break

11:00 – 11:30 M. Vanderhaeghen (Mainz, Germany)

The Structure of the Nucleon and Nucleon Resonances

11:30 – 12:00 H. Haberzettl (GWU, USA)

What is a Resonance?

12:00 – 12:30 J. Gegelia (Mainz, Germany)

On the Definition of Physical Properties of Unstable Particles

12:30 – 13:30 Lunch

Wednesday, June 3, afternoon

**free for
working groups and excursions**

20:00 Dinner at Ristorante Patelli, near Piazza di Fiera

Thursday, June 4, morning session (chair: M. Giannini)

09:10 – 09:50 D. Drechsel (Mainz, Germany)

Electromagnetic Transition Form Factors

09:50 – 10:30 H. Wittig (Mainz, Germany)

Overview of Baryon Spectroscopy in Lattice QCD

10:30 – 11:00 Coffee Break

11:00 – 11:30 C.M. Alexandrou (Nicosia, Cyprus)

Baryon Resonance Structure on the Lattice

11:30 – 12:00 D. Richards (JLab, USA) *

Nucleon Excited States on the Lattice

12:00 – 12:30 S. Scherer (Mainz, Germany)

What Can We Learn from Off-Shell Green Functions

12:30 – 13:30 Lunch

Thursday, June 4, afternoon session (chair: S. Capstick)

15:10 – 15:50 M. Ripani (Genova, Italy)

Nucleon Resonance Results at JLab

15:50 – 16:30 A. Ramos (Barcelona, Spain)

Dynamically Generated Resonances from Vector-meson Octet-Baryon Interactions

16:30 – 17:00 **Coffee Break**

17:00 – 17:30 **B. Pasquini (Pavia, Italy)**
Dispersion Relations in Pion Photo- and Electroproduction

17:30 – 18:00 **E. Santopinto (Genova, Italy)**
Unquenching the Quark Model

18:00 – 18:30 **G. Galatà (Genova, Italy)**
Tetraquark Spectroscopy

20:00 **Banquet Dinner at Ristorante Orso Grigio, near Piazza di Fiera**

Friday, June 5, morning session (chair: M. Vanderhaeghen)

09:10 – 09:50 **S. Capstick (Tallahassee, FL, USA)**
Overview of Resonances in Quark Models

09:50 – 10:30 **M.M. Giannini (Genova, Italy)**
Bare and Dressed Nucleon Resonance Couplings

10:30 – 11:00 **Coffee Break**

11:00 – 11:30 **M. Kirchbach (San Luis Potosi, Mexico)**
Baryon Resonances as Effective Quark-Diquark Configurations on a Curved Space

11:30 – 12:00 **T. Melde (Graz, Austria)**
The Bareness of Constituent Quark Models

12:00 – 12:30 **C. Lorcé (Mainz, Germany)**
Light-Cone Wave Functions and Form Factors in the Chiral Quark-Soliton Model

12:30 – 13:30 **Lunch**

Workshop ends at lunch time

20:00 **Dinner at Pizzeria Alla Mostra, near Castello del Buonconsiglio**

The 5th International Pion-Nucleon PWA Workshop and Interpretation of Baryon Resonances ECT*, Trento, Italy, June 1-5, 2009

Programme

	Monday		Tuesday		Wednesday		Thursday		Friday
	Session 1		Session 3		Session 5		Session 6		Session 8
	Chair: Tiator		Chair:		Chair:		Chair:		Chair:
9:00	Welcome		Yang		Drechsel		Giannini		Vanderhaeghen
9:10	Sadler	9:10	Döring	9:10	Arends	9:10	Drechsel	9:10	Capstick
9:50	Friedman	9:50	Julia-Diaz	9:50	Thoma	9:50	Wittig	9:50	Giannini
10:30	Coffee	10:30	Coffee	10:30	Coffee	10:30	Coffee	10:30	Coffee
11:00	Arndt	11:00	Kamalov	11:00	Vanderhaeghen	11:00	Alexandrou	11:00	Kirchbach
11:30	Svarc	11:30	Osmanovic	11:30	Haberzettl	11:30	Richards	11:30	Melde
12:00	Stahov	12:00	Shklyar	12:00	Gegelia	12:00	Scherer	12:00	Lorcé
12:30	Lunch	12:30	Lunch	12:30	Lunch	12:30	Lunch	12:30	Lunch
	Session 2		Session 4				Session 7		
	Chair: Sadler		Chair: Svarc		free afternoon		Chair: Capstick		
15:10	Sainio	15:10	Strakovsky			15:10	Ripani		
15:50	Pascalutsa	15:50	Sarantsev		for work	15:50	Ramos		
16:30	Coffee	16:30	Coffee		and	16:30	Coffee		
16:50	Hadzimehmedovic	17:00	Tiator		for excursion	17:00	Pasquini		
17:30	Zauner	17:30	Nakayama			17:30	Santopinto		
18:00	Ceci	18:00	Kiswandhi			18:00	Galatà		
19:00	Dinner Reception at the Villa Tombosi	20:00	Ristorante Patelli	20:00	Ristorante Patelli	20:00	Banquet Dinner Rist. Orso Grigio	20:00	Pizza Dinner at Alla Mostra

Sunday, May 31: 20:00 Pizza Dinner at Alla Mostra (opposite of Castello del Buonconsiglio)