



6th VIENNA CENTRAL EUROPEAN SEMINAR
ON PARTICLE PHYSICS AND QUANTUM FIELD THEORY

November 27 - 29, 2009

EFFECTIVE FIELD THEORIES

PROGRAM

Lecture Hall: "Christian-Doppler-Hörsaal"

Strudlhofgasse 4, 3rd floor, 1090 Vienna

Nov. 27, 2009, Friday

09:00 - 09:05	<i>H. Hüffel</i> (Vienna)	Opening Address
09:10 - 09:55	<i>Christophe Grojean</i> (CERN)	Hunting the Higgs and Beyond
10:00 - 10:45	<i>André Hoang</i> (Munich)	Soft-Collinear-Effective-Theory and Jets at Colliders
10:50 - 11:20		COFFEE
11:20 - 12:05	<i>Alexi Kurkela</i> (Zurich)	Dimensional reduction near the deconfinement transition
12:10 - 15:00		LUNCH
15:00 - 15:20	<i>Elisabetta Furlan</i> (Zurich)	A precise effective Higgs-gluon interaction beyond the Standard Model
15:25 - 15:45	<i>Javier Virto</i> (Rome)	Effective theory for neutral meson mixing in the MSSM
15:50 - 16:45		COFFEE
16:45 - 17:30	<i>Thorsten Feldmann</i> (Munich)	Soft-Collinear-Effective-Theory and B-Meson Decays
17:35 - 17:55	<i>Gergely Fejős</i> (Budapest)	Two-loop solution of the O(N) model from 2PI effective potential
18:00 - 18:45		DISCUSSION SESSION
18:50 - 19:20		REFRESHMENTS
19:30 - 20:30	<i>Christian Fabjan</i> (Vienna)	PUBLIC LECTURE: Experimental Particle Physics: the Next Ten Years

Nov. 28, 2009, Saturday

09:00 - 09:45	<i>Jürg Gasser</i> (Bern)	Chiral Perturbation Theory
09:50 - 10:35	<i>Stefan Scherer</i> (Mainz)	Baryon chiral perturbation theory
10:40 - 11:10		COFFEE
11:10 - 11:55	<i>Hans-Werner Hammer</i> (Bonn)	Universal EFT for strongly interacting quantum systems
12:00 - 15:00		LUNCH
15:00 - 15:20	<i>Lisa Carloni</i> (Lund)	Leading Logarithmic Corrections Resummed
15:25 - 15:45	<i>Marius Hilt</i> (Mainz)	$\Delta(1232)$ Resonance in Chiral Perturbation Theory
15:50 - 16:10	<i>Sebastian König</i> (Bonn)	Coulomb effects in pionless effective field theory
16:15 - 16:45		COFFEE
16:45 - 17:30	<i>Aleksi Vuorinen</i> (CERN)	A New Approach to Effective Field Theory for Few-Nucleon Physics
17:35 - 17:55	<i>Pere Masjuan</i> (Vienna)	Chiral dynamics predictions for $\eta' \rightarrow \eta \pi \pi$ in several frameworks

18:00 - 18:45 **DISCUSSION SESSION**

18:45 - 19:30 **POSTER SESSION**

19:45 - ... **RECEPTION**

Nov. 29, 2009, Sunday

09:30 - 10:15	<i>Antonio Vairo</i> (Munich)	Effective field theories for non-relativistic bound states
10:20 - 10:40	<i>Pablo Roig</i> (Munich)	J/Ψ radiative transition to η_c
10:45 - 11:05	<i>Jie Lu</i> (Lund)	QCD Like Theories at Next-to Next-to Leading Order
11:10 - 11:40		COFFEE
11:40 - 12:00	<i>Georg Engel</i> (Graz)	Excited Hadrons in 2-flavor QCD
12:05 - 12:50	<i>Akaki Rusetsky</i> (Bonn)	Hadronic Atoms
12:55 - 13:00	<i>H. Hüffel</i> (Vienna)	Closing Remarks

Supported by:

The Institute of High Energy Physics of The Austrian Academy of Sciences

The Erwin Schrödinger International Institute of Mathematical Physics

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