

10th International Workshop on High-pT Physics in the RHIC/LHC Era 2014

Journal of Physics: Conference Series Volume 805

Subatech Nantes, France
9 – 12 September 2014

Editors:

**Gustavo Conesa Balbastre
Gergely Barnafoldi
Magali Estienne
Rachid Guernane**

**Andreas Morsch
Jan Rak
Alexandre Shabetai
Catherine Silvestre**

ISBN: 978-1-5108-3755-3
ISSN: 1742-6588

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2014) by the Institute of Physics
All rights reserved. The material featured in this book is subject to
IOP copyright protection, unless otherwise indicated.

Printed by Curran Associates, Inc. (2017)

For permission requests, please contact the Institute of Physics
at the address below.

Institute of Physics
Dirac House, Temple Back
Bristol BS1 6BE UK

Phone: 44 1 17 929 7481
Fax: 44 1 17 920 0979

techtracking@iop.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of contents

Volume 805

**10th International Workshop on High- p_T Physics in the RHIC/LHC Era
9–12 September 2014, SUBATECH Nantes, France**

**Accepted papers received: 31 January 2017
Published online: 7 March 2017**

Preface

011001

OPEN ACCESS

[10th International Workshop on High- \$p_T\$ Physics in the RHIC/LHC Era](#)

Gustavo Conesa Balbastre, Gergely Barnafoldi, Magali Estienne, Rachid Guernane,
Andreas Morsch, Jan Rak, Alexandre Shabetai and Catherine Silvestre

011002

OPEN ACCESS

[Peer review statement](#)

Heavy flavor and quarkonia

012001

OPEN ACCESS

[Measurements of heavy-flavour decay leptons with ALICE](#)

Denise Moreira de Godoy on behalf the ALICE Collaboration.....1

012002

OPEN ACCESS

[Charm and prompt photon production with EPOS](#)

B Guiot, Iu Karpenko, T Pierog, G Sophys and K Werner.....10

Photons

012003

OPEN ACCESS

[Challenges of direct photon production at forward rapidities and large \$p_T\$](#)

Michal Krelina, Jan Cepila and Jan Nemchik.....18

Initial conditions / saturation / event activity

012004

OPEN ACCESS

[Multi-Reggeon exchanges at high \$p_t\$ from gluon saturation](#)

Jamal Jalilian-Marian.....27

QCD and medium effect

012005

OPEN ACCESS

[Is \$\hat{q}\$ a physical quantity or just a parameter? and other unanswered questions in high- \$p_T\$ physics](#)

M. J. Tannenbaum.....31

012006

OPEN ACCESS

[Multiple Scattering with fully coherent scattering in pA and AA collisions](#)

Haitham Zaraket.....43

Jets

012007

OPEN ACCESS

[Jet fragmentation and multijet studies in heavy ion collisions at ATLAS](#)

Martin Spousta for the ATLAS Collaboration.....47

012008

OPEN ACCESS

[Measurement of inclusive jet spectra in pp, p–Pb, and Pb–Pb collisions with the ALICE detector](#)

Rüdiger Haake for the ALICE Collaboration.....53

012009

OPEN ACCESS

[Production of strange particles in charged jets in p–Pb and Pb–Pb collisions measured with ALICE at the LHC](#)

Alice Zimmermann for the ALICE Collaboration.....60

012010

OPEN ACCESS

[A 'soft + hard' model for heavy-ion collisions](#)

K Urmosy, G G Barnaföldi, Sz Harangozó, T S Biró and Z Xu.....64

Jets, high p_T hadrons and correlations

012011

OPEN ACCESS

[Overview of ALICE results on azimuthal correlations using neutral- and heavy-flavor triggers](#)

Sona Pochybova for the ALICE Collaboration.....70

012012

OPEN ACCESS

[Detailed study of parton energy loss via measurement of fractional momentum loss of high \$p_T\$ hadrons in heavy ion collisions](#)

Takao Sakaguchi for the PHENIX Collaboration.....79

012013

OPEN ACCESS

[Study of high- \$p_T\$ hadron-jet correlations in ALICE](#)

Filip Krizek for the ALICE Collaboration.....85

012014

OPEN ACCESS

[Identified Two-particle Correlations and Quantum Number Conservations in p-p and Pb-Pb Collisions at LHC Energies](#)

Gyula Bencédi, Gergely Gábor Barnaföldi and Levente Molnár.....90