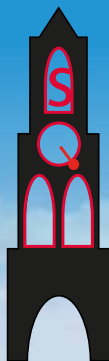


17th International Conference on
**Strangeness in
Quark Matter**

10-15 July 2017

Utrecht, the Netherlands

Utrecht 2017



Utrecht University

Program**booklet**

2017




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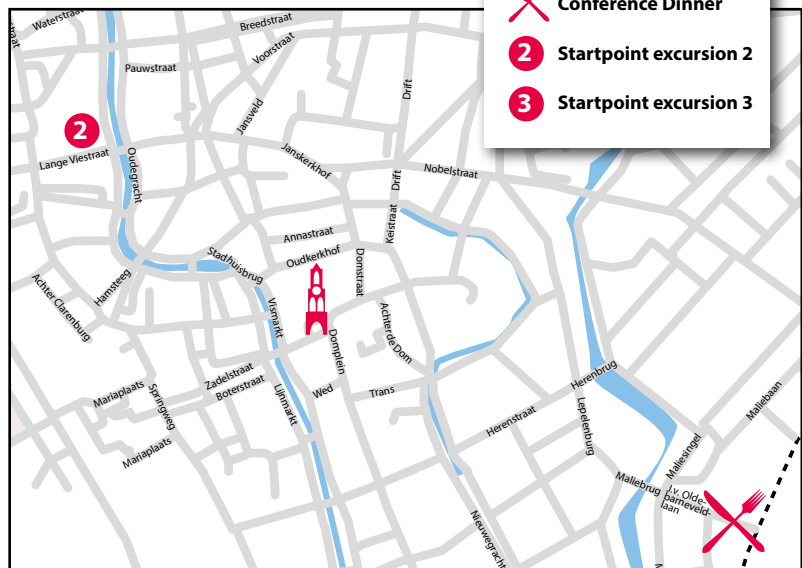
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Utrecht City Centre

-  Conference venue
-  Welcome reception
-  Conference Dinner
- 2** Startpoint excursion 2
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Welcome

Dear participant,

Welcome to the 17th International Conference on Strangeness in Quark Matter, at Utrecht University. We are honoured to host all of you at our Institute. Together with the IAC, we did our best to organize an interesting and productive meeting, with many new results and good discussions. We also hope that you will enjoy your stay in Utrecht and The Netherlands. You will find that Utrecht is a nice historic city, which is nevertheless very lively, thanks to its large student population and its central location in The Netherlands. For suggestions of what to do and where to go on your times off, have a look at the website and the social program listed in this programme book. In case you have any questions, please come find us at the registration desk.

The Local Organising Committee



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10-15 July

Utrecht 2017

Practical Information

Registration Desk

The registration desk is open on Sunday 16:00-18:00 and Monday from 8:00. The other conference days, the desk is staffed during the coffee and lunch breaks. Please come find us there if you have questions or need assistance.

Wireless Network

In all university buildings, two wireless networks are available for general use: eduroam, which works for anyone with an eduroam account, and UU-visitor, which should accept any connection, but requires that you agree to the terms and services any time you reconnect. A pop-up window should appear automatically.

Conference sessions

All the plenary sessions are in the Cosmos room of the Victor J Koningsberger building (Koningsbergergebouw)

The parallel sessions also make use of the neighboring Buys Ballot Building, which is connected to the Koningsberger Building. For the room numbers, see the parallel program. You will find clear signage to these rooms.

Talk upload

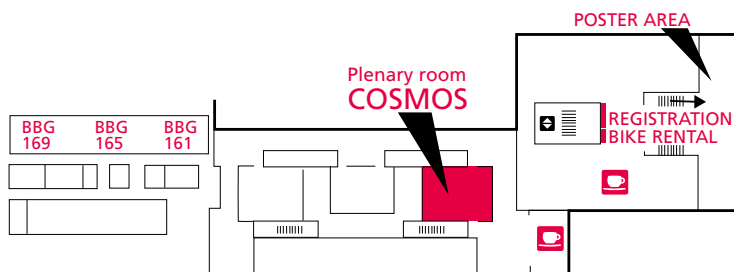
Please upload your talks to the Indico website at least half a day before the session. In case you have a problem with Indico, please contact the local organizers or the registration desk.

Poster session

The poster session will take place on Tuesday, 11 July 2017, from 16:00-18:00. The poster area will be open for poster mounting from Monday after lunch till Tuesday 14:00. The posters can remain on display until Thursday, 13 July 2017,



16:00. Mounting materials will be available in the poster area. Posters should be printed on A0 paper or fit within this size. Poster presenters are also asked to upload their posters on the conference INDICO server.



Conference Photo

The conference photo will be taken on Wednesday 12 July during the morning coffee break (10:30 - 11:00).

Public Transportation

The Utrecht Science Park ('De Uithof') can be reached by many bus services; the most frequent ones from downtown Utrecht (Central Station, Janskerkhof, etc.) are line 27/28, which stops at 'Botanische Tuinen', very close to the conference site (Koningsberger building), and line 12, which stops at 'Padualaan', which is the main bus stop for the Utrecht Science Park (Uithof) and a short walk away from the conference building (approx. 500m).

Bus tickets can be bought on the bus, but if you plan to use the bus throughout the week, you are probably better off getting a chip card (OV-chipkaart, 7.50 euro one-time fee) at the station, the service desk of a super market or another sales point. This card can be recharged at the machines at the station.

For more details, see the 'Travel' section of the SQM webpage.



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Social programme

Reception: Botanical garden

Monday, 10 July 2017

18:20 - 20:30 hrs

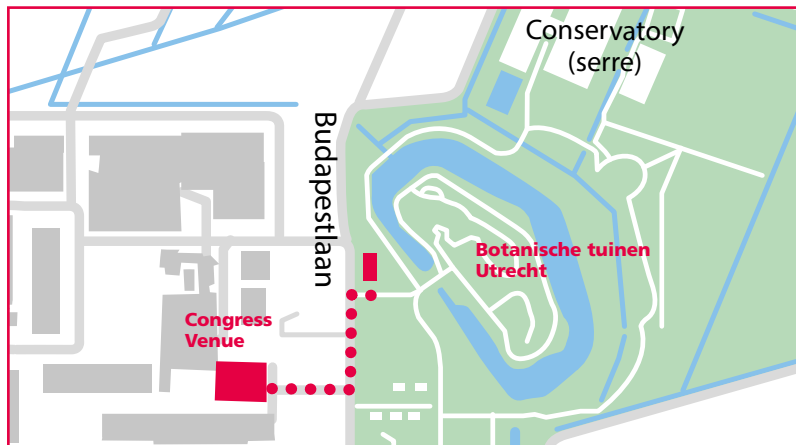
The welcome reception on Monday afternoon will take place at the Botanical Gardens of the University, which are just across the street from the main entrance of the Koningsberger Building. Please bring your badge, since it serves as entrance ticket to the Gardens!

Excursions (pre-registration only)

Wednesday, 12 July 2017

13:30 / 14:00 – 18:00 hrs

Attending one of the excursions is only possible for those delegates who pre-registered for it. If you have any questions regarding the excursions, please contact the registration desk.



Excursion 1: Cultural

departure at 13:30 hrs

The cultural tour will visit the Kröller-Möller-Museum, which boasts the 2nd largest Van Gogh collection in the world. Furthermore, you will find masterpieces by modern masters such as Claude Monet, Georges Seurat, Pablo Picasso and Piet Mondriaan.

In the sculpture garden, one of the largest in Europe, you can enjoy both sculptures and nature. Distributed throughout the garden are over 160 sculptures by iconic artists, from Aristide Maillol to Jean Dubuffet, from Marta Pan to Pierre Huyghe. The museum is embedded in the National Park Hoge Veluwe, where you can take a walk or bike, and relax in a unique landscape. This tour will be a bus tour.

The bus leaves from the conference venue at 13:30 hrs. Assemble in front of the venue.



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Excursion 2: Historical tour

start 14:00 hrs

This tour will show you Utrecht as one of the most populous cities in The Netherlands. Although there is some evidence of earlier settlement in the region of Utrecht, dating back to the Stone Age (app. 1800-800 BCE), the founding date of the city is usually related to the construction of a Roman fortification, probably built in around 50 CE. Utrecht's ancient city centre features many buildings and structures, some which date back as far as the High Middle Ages. It has been the religious centre of The Netherlands since the 8th century and today hosts the largest university of the country. This tour will be a combined boat and walking tour.

■ Meeting point is:

Utrecht City Center,
Rederij Schuttevaer, Oudegracht t/o 85.



Excursion 3: H₂O tour

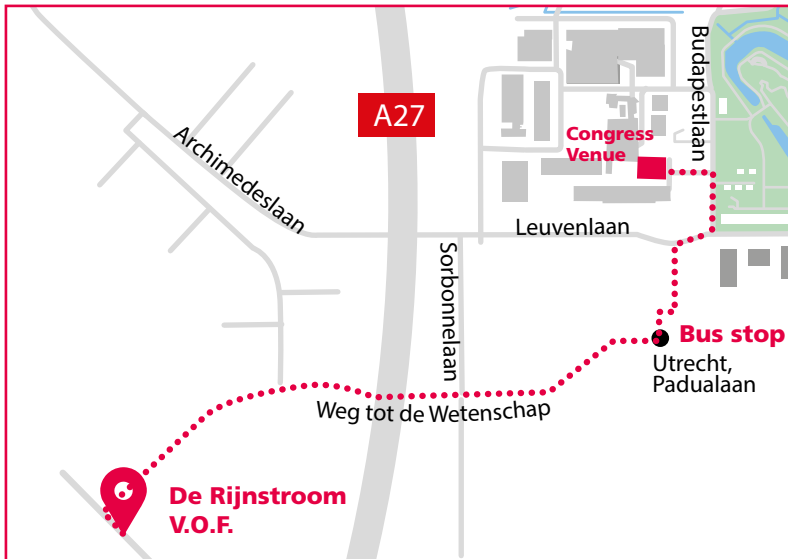
start 14:00 hrs

This tour could be wet! We will explore the beautiful surroundings of Utrecht by canoe.

■ Meeting point is:

Botenverhuur de Rijnstroom V.O.F.
Weg naar Rhijnauwen 2
3584 AD Utrecht

It is a 20 minute walk from the Koningsbergerbuilding to this meeting point or a 5 minute bus drive (bus 12, bus stop Zwembad Krommerijn). From the bus stop take the first street left, with the bus stop behind you.



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Conference Dinner (ticketed event) Thursday, 13 July 2017

19:00 - 23:00 hrs

The conference dinner will take place on Thursday, 13 July 2017 from 19:00-23:00 in the Railway Museum (Spoorwegmuseum), which is just outside the city center and can easily be reached on foot by taking the Maliebrug (bridge) from Lepelenburg (the small park at the edge of the city). See the map below for directions.

Attendees are requested to make their own way to the Railway Museum.

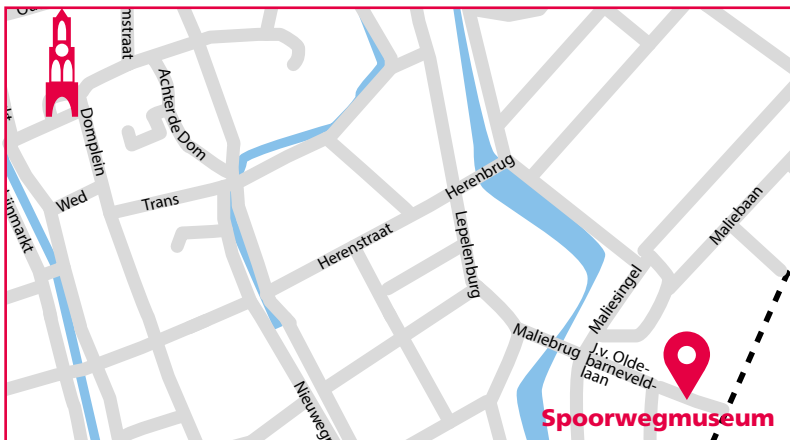
Directions:

Het Spoorwegmuseum

Maliebaanstation 1 - 3581 XW Utrecht

www.visit-utrecht.com/locations/1783520371/railway-museum

Tickets could only be booked during online registration.



Bicycle rental

If you want to experience Dutch city life to its fullest, you can rent a bicycle for the duration of the conference. The bike rental is provided by an external company, who charge 8 euro per 24 hour period. Bike rental was only possible by pre-reservation. However, feel free to contact the registration desk to see if there are any bikes available.

Bikes can be picked up and returned at the conference site at the following times:

Pick up times

Sunday 9 July, 16:00-18:00

Monday 10 July, 08:00-10:00

Return times

Thursday 13 July, 15:30-16:00

Friday 14 July, 10:30-11:00

Saturday 15 July, 8:30-11:00

The bicycle ride from downtown Utrecht to the Utrecht Science Park (Uithof) takes 20-30 minutes. Utrecht is a bike-friendly city, but that also means that there are a lot of bicyclists around, the bike route to the university can be very busy during the morning, so please be careful when riding your bike.

A bike ride is also an excellent way to explore the countryside around Utrecht. Just south of the Uithof, there is a park-like area, Rhijnauwen and Amelisweerd which is connected by small roads and bike lanes and also offers access to the old course of the Rhine river (now a narrow stream which you can follow on foot). To the north of Utrecht, you can follow the Vecht river to Maarsse, Breukelen and Loenen (and on to Amsterdam if you have the stamina), which is lined by a number of old villas and country houses.



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10-15 July

Utrecht 2017

SUNDAY 9 JULY

16:00-18:00 REGISTRATION

MONDAY 10 JULY

8:00 REGISTRATION DESK OPEN

Opening session

Chair: Andre Mischke

09:00 Welcome
Andre Mischke

09:02 Address by Rector Magnificus of Utrecht University
Bert van der Zwaan

09:11 Address by Director of Nikhef Amsterdam
Stan Bentvelsen

Highlights on Strangeness and Heavy-Flavour at Low p_T

Chair: Raimond Snellings

09:20 Recent results from HADES
Heidi Schuldés

09:40 Recent results from NA61
Tatjana Susa

10:00 Recent results from PHENIX
Rachid Nouicer

10:20 Recent results from STAR
Wangmei Zha

10:45 COFFEE BREAK



Highlights on Strangeness and Heavy-Flavour at Low p_T

Chair: Burkhard Kämpfer

- | | |
|-------|---|
| 11:15 | Highlights from ALICE
Alessandro Grelli |
| 11:40 | Recent heavy-flavour results from ATLAS
Jing Chen |
| 12:00 | Recent results from CMS
Emilien Chapon |
| 12:20 | Highlights from LHCb
Albert Bursche |

12:40 LUNCH

Strangeness

Chair: In-Kwon Yoo

- | | |
|-------|---|
| 14:00 | Strangeness at high μ_B : HADES and FOPI
Yvonne Leifels |
| 14:30 | Strangeness at intermediate μ_B : RHIC-BES and NA61
David Tlusty |
| 15:00 | Energy dependence of strangeness production and event-by-event fluctuations
Anar Rustamov |

15:30 COFFEE BREAK

Strangeness

Chair: Gert Aarts

- | | |
|-------|--|
| 16:00 | Strangeness at low μ_B : top RHIC energy and LHC
Livio Bianchi |
| 16:30 | Report from BEST topical collaboration
Swagato Mukherjee |
| 17:00 | Signatures of chiral symmetry restoration and its survival throughout the hadronic phase interactions
Elena Bratkovskaya |
| 17:30 | Universal strangeness production in hadronic and nuclear collisions
Helmut Satz |
| 17:50 | Sequential strangeness freeze-out
Rene Bellwied |

18:20-20:30 RECEPTION (BOTANICAL GARDEN)



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TUESDAY 11 JULY

Open Questions in the Understanding of Strangeness Production in Heavy Ion Collisions

Chair: Herbert Ströbele

09:00 Experiment perspective
Christoph Blume

09:30 Theory perspective
Che-Ming Ko

10:00 COFFEE BREAK

10:30 Future directions
Daniel Cebra

11:00 ROUND TABLE DISCUSSION

12:00 LUNCH

Heavy Flavour at low p_T

Chair: Paul Kuijjer

13:30 Open heavy-flavour
Gian Michele Innocenti

14:00 Hidden heavy-flavour
Javier Castillo Castellanos

14:30 Heavy-quark evolution in a hydrodynamic expanding medium
Marlene Nahrgang

15:00 Update on heavy-flavour cross-section calculations
Ramona Vogt

15:30 COFFEE BREAK

16:00-18:00 POSTER SESSION

18:00-22:00 IAC MEETING (Huize Molenaar)



WEDNESDAY 12 JULY

Freeze-out Physics in the Crossover Domain

Chair: Reinhard Stock

09:00 Overlap between Lattice and Hadron Resonance
Gas and the pseudo-critical temperature
Krzysztof Redlich

09:30 Lattice results on freeze-out
Claudia Ratti

10:00 Hadron transport at high densities
Jan Steinheimer

10:30 COFFEE BREAK (CONFERENCE PHOTO WILL BE TAKEN)

Memorial Session for prof. Helmut Oeschler

Chair: Boris Hippolyte

11:00 Studies at Saturne
Joachim Stroth

11:20 Studies in KAOS
Christian Peter Muntz

11:40 Studies in ALICE
Alexander Philipp Kalweit

12:00 Hadron Resonance Gas model
Jean Cleymans

12:30 LUNCH

14:00 EXCURSIONS



17

10-15 July
Utrecht 2017

THURSDAY 13 JULY

9:00-12:30 PARALLEL SESSIONS (for program, see page 21)

12:30 LUNCH

Global Hyperon Polarisation and Vorticity

Chair: Nu Xu

14:00 Theory overview on hyperon polarisation
Francesco Becattini

14:25 Hyperon polarisation and vorticity measurements at RHIC and LHC - **Sergey Voloshin**

14:50 Vorticity and Lambda polarisation in baryon rich matter
Oleg Teryaev

15:10 Strongly interacting matter under rotation
Yin Jiang

15:30 COFFEE BREAK

Gravitational waves and neutron stars

Chairs: David Blaschke; Horst Stöcker

16:00 Gravitational wave measurements
Jo van den Brand

16:25 From gravitational-wave spectroscopy to nuclear EOS
Luciano Rezzolla

16:50 Strange-quark matter in neutron stars?
Thomas Klähn

17:10 Dense and warm matter in compact stars and heavy-ion collisions
Stefan Schramm

17:30 DISCUSSION

19:00-23.00 BANQUET (Railway Museum)



FRIDAY 14 JULY

Hadron Resonances

Chair: Christina Markert

09:00 Resonance production in heavy-ion collisions

Anders Garritt Knospe

09:25 Resonance production and interaction throughout the hadronic phase

Klaus Werner

09:50 Medium modification of hadronic resonances at RHIC and LHC energies

Laura Tolos

10:10 DISCUSSION

10:40 COFFEE BREAK

Detector Upgrades and Physics Perspectives

Chair: Berndt Müller

11:10 ALICE detector upgrades

Gines Martinez-Garcia

11:35 Physics perspectives in AFTER@LHC

Laure Marie Massacrier

11:55 STAR detector upgrades

Flemming Videbaek

12:20 Status of the sPHENIX experiment

Carlos Eugenio Perez Lara

12:45 NA61 perspectives for open charm measurements

Michael Deveaux

13:05 LUNCH BREAK

14:00 PARALLEL SESSIONS (for program, see page 24)



SATURDAY 15 JULY

Small Collision Systems

Chair: Alexander Sorin

09:00 Theory overview on CNM effects
Nestor Armesto Perez

09:30 Small collision systems at the LHC
Roberto Preghenella

10:00 Small collision systems at RHIC
Norbert Novitzky

10:30 COFFEE BREAK

New Experiments and New Facilities

Chair: Paolo Giubellino

11:00 MPD@NICA and BM@N
Vladimir Kikelidze

11:25 CBM@FAIR
Claudia Höhne

11:50 NuPECC long range plan
Silvia Masciocchi

Summary, Awards and Closing

Chair: Andre Mischke

12:15 Impressions from SQM2017 and future directions
Peter Braun-Munzinger

12:45 EPJ A Young Scientist Awards
Paul Kuijer

13:00 SQM 2019 presentation
Domenico Elia



PARALLEL SESSIONS THURSDAY 13 JULY

Parallel Heavy flavor I

Room: COSMOS

Chair: William Alexander Horowitz

Parallel Small Systems

Room: BBG 161

Chair: Marek Gaździcki

09:00 Data-driven analysis of the temperature and momentum dependence of the heavy quark transport coefficients

Yingru Xu

Intrinsic momentum anisotropy for relativistic particles from quantum mechanic

Denes Molnar

09:20 Heavy flavor energy loss from AdS/CFT: A novel diffusion coefficient derivation and its predictions

Robert Hambrock

Particle production and collectivity in high-multiplicity pp and pPb collisions at the LHC with CMS

George Stephans

09:40 Correlation between heavy flavour production and multiplicity in pp collisions at high energy in the multi-pomeron exchange model

Vladimir Kovalenko

Quarkonium production in pp and p-A collisions with ALICE at the LHC

Astrid Morreale

10:00 Coupled dynamics of heavy and light flavor flow harmonics from EPOSHQ

Pol Gossiaux

J/ψ production as a function of event multiplicity in pp and p-Pb collisions with ALICE

Ionut Cristian Arsene

10:20 COFFEE BREAK

Chair: Steffen A Bass

Chair: Thomas Peitzmann

10:50 Overview of Heavy-Flavored Jets at CMS

Hong Ni

Insight into particle production mechanisms via angular correlations of identified particles measured with ALICE in pp collisions at $\sqrt{s} = 7$ TeV

Małgorzata Janik



11:10	Measurements of directed, elliptic and triangular flow for D^0 and anti- D^0 mesons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the STAR experiment at RHIC	Energy and multiplicity dependence of strange and non-strange particle production in pp collisions at the LHC with ALICE
	Sooraj Radhakrishnan	Fiorella Fionda
11:30	Measurement of D-meson nuclear modification factor and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE at the LHC	Heavy Quark Flow as Better Probes of QGP Properties
	Fabrizio Grosa	Zi-Wei Lin
11:50	Measurement of heavy-flavour production, correlations and jets with ALICE in Pb-Pb collisions with ALICE	Subthreshold Ξ production in p+A collisions
	Shingo Sakai	Miklós Zétényi
12:10	Charmonium production in pPb and PbPb collisions at 5.02 TeV with CMS	First measurement of Σ^0 -production in proton induced reactions on a nuclear target at $E_{kin} = 3.5$ GeV*
	Javier Martin Blanco	Tobias Kunz

Parallel Hydrodynamics		Parallel Strangeness	
Room: BBG 165		Room: BBG 169	
Chair: Marcus Bleicher		Chair: Domenico Elia	
09:00	3+1d quasiparticle anisotropic hydrodynamics	09:00	Processes of hypernuclei formation in relativistic ion collisions
	Michael Strickland		Alexander Botvina
09:20	Studying jet and bulk behavior with identified particle correlations in Pb-Pb collisions at ALICE	09:20	Kaon and Phi Production in Pion-Nucleus Reactions at 1.7 GeV
	Redmer Bertens		Joana Wirth

- | | |
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| <p>09:40 Skewness of Event-by-event Elliptic Flow Fluctuations in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with CMS
Elizaveta Nazarova</p> | <p>Particle production and azimuthal anisotropy of strange hadrons in U+U collisions at STAR
Vipul Bairathi</p> |
| <p>10:00 Collective flow of open heavy flavour in heavy ion collisions at the LHC energies with CMS
Yen-Jie Lee</p> | <p>Phi Meson Measurements at RHIC with the PHENIX Detector
Murad Sarsour</p> |

10:20 COFFEE BREAK

- | | |
|--|---|
| <p>10:50 Study of Lambda polarization at RHIC BES energies

Iurii Karpenko</p> | <p>V^0 particle production cross-sections and nuclear modification factors in p-Pb collisions at 5 TeV with the LHCb detector

Igor Kostiuk</p> |
| <p>11:10 Beam energy and system dependence of rapidity-even dipolar flow

Niseem Abdelrahman</p> | <p>Strange and heavy hadron production from coalescence plus fragmentation in AA collisions at RHIC and LHC

Salvatore Plumari</p> |
| <p>11:30 Dynamical critical fluctuations near the QCD critical point

Lijia Jiang</p> | <p>meson production at forward rapidity in pp and Pb-Pb collisions with ALICE at the LHC

Alessandro De Falco</p> |
| <p>11:50 Fluctuating fluid dynamics for the QGP in the LHC and BES era

Marcus Bluhm</p> | <p>Strangeness production in Pb-Pb collisions at LHC energies with ALICE

Michal Sefcik</p> |
| <p>12:10 Identify QCD transition in heavy-ion collisions with Deep Learning

Kai Zhou</p> | <p>Strange and Multi-strange Particle Production in pPb and PbPb with CMS

Hong Ni</p> |



FRIDAY AFTERNOON PARALLEL SESSIONS

Parallel Heavy flavor II Room: COSMOS Chair: Zi-Wei Lin		Parallel Beam Energy Scan I Room: BBG 165 Chair: Alexandre Suaide	
14:15 Production cross-sections and nuclear modification factor for charmed baryons and mesons in p-Pb collisions at 5 TeV with the LHCb detector Jiayin Sun		News on pion spectra in the NA61/SHINE collaboration. Michal Naskret	
14:35 Low mass dielectrons in pp at 13 TeV, p-Pb at 5.02 TeV and Pb-Pb collisions at 2.76 TeV measured by the ALICE experiment Ivan Vorobyev		ϕ -Meson Spin Alignment and the Azimuthal Angle Dependence of (anti-) Λ Polarization in Au+Au collisions at RHIC Biao Tu	
14:55 Charmed meson and baryon measurements in pp and p-Pb collisions with ALICE at the LHC Jaime Norman		Measurements of spin alignment of vector mesons and global polarization of hyperons with ALICE at the LHC Bedangadas Mohanty	
15:15 Quarkonium production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE Audrey Francisco		Estimation of the isothermal compressibility from event-by-event multiplicity fluctuation studies Maitreyee Mukherjee	

15:35 COFFEE BREAK

Chair: Jörg Aichelin		Parallel Resonances Room: BG 161 Chair: Frank Geurts	
16:05 Heavy Quark Dynamics Toward Thermalization: R_{AA} , v_1 , v_2 , v_3 Francesco Scardina		First Measurement of the energy dependent N^* production amplitude with a Partial Wave Analysis Laura Fabbietti	



- | | |
|---|--|
| <p>16:25 Quarkonium measurements in heavy-ion collisions with the STAR experiment
Huang Xinjie</p> | <p>Probing the hadronic phase with resonances of different lifetimes in ALICE at the LHC
Neelima Agrawal</p> |
| <p>16:45 Coherent e^+e^- production at very low transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV and U+U collisions at $\sqrt{s_{NN}} = 193$ GeV at STAR
Chi Yang</p> | <p>Production of the Multi-strange Baryon Resonance $\Xi^*(1530)$ in Au+Au and p+p Collisions at $\sqrt{s_{NN}} = 200$ GeV from STAR
Richard Witt</p> |
| <p>17:05 PHENIX Results on Open Heavy Flavor Production
Takashi Hachiya</p> | <p>Resonances in a sudden chemical freeze-out model
Viktor Begun</p> |
| <p>17:25 Centrality and transverse momentum dependence of J/ψ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV at mid-rapidity with ALICE
Dennis Franz Weiser</p> | |

Parallel Freeze-out

Room: BBG 165
Chair: Jean Cleymans

- 14:15** Role of repulsive interactions in the interplay with missing strange resonances
Paolo Giuseppe Alba

Parallel Strangeness in Astrophysics

Room: BBG 169
Conveners: David Blaschke

- 14:35** Strangeness freezeout – role of system size and missing resonances
Sandeep Chatterjee
- 14:55** Rope Hadronization in the DIPSY event generator
Christian Bierlich

- SU(3) PNJL model with thermomagnetic couplings and compact stars
Varese Timóteo

- Towards a unified quark-hadron equation of state for neutron stars, supernovae and heavy-ion collisions
Niels-Uwe Bastian

- Muon bundles as a sign of strangelets from the Universe
Maciej Rybczynski



<p>15:15 Baryon spectra and antiparticle/particle ratios from the improved AMPT model Yuncun He</p>	<p>gravitational waves from binary compact star mergers in the context of strange matter Matthias Hanauske</p>
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15:35 COFFEE BREAK

<p style="text-align: right;">Parallel Upgrades Room: BBG 169</p>	
<p>Chair: Pengfei Zhuang</p>	<p>Chair: Joachim Stroth</p>
<p>16:05 Baryons in the plasma: in-medium effects and parity doubling Gert Aarts</p>	<p>The Silicon Tracking System of the CBM experiment at FAIR Maksym Telkishyn</p>
<p>16:25 Van der Waals interactions and Hadron Resonance Gas Volodymyr Vovchenko</p>	<p>QGP physics at forward rapidity with the ALICE detector upgrade Andry Rakotozafindrabe</p>
<p>16:45 Melting and freeze-out conditions of hadrons in a thermal medium Juan M Torres-Rincon</p>	<p>Heavy Ion Acceleration at J-PARC Susumu Sato</p>
<p>17:05 Mass hierarchy and energy scaling of the Tsallis-Pareto parameters in hadron productions at RHIC and LHC energies Gabor Biro</p>	<p>Status Report on Inner Tracking System Upgrade of ALICE In-Kwon Yoo</p>
<p>17:25 Production of (anti-)(hyper-) nuclei production at LHC energies with ALICE Maximiliano Puccio</p>	



List of posters

- **A study of the strange vector meson spin alignment with the AMPT model**, Shusu Shi
- **Unified description of p_T -dependent (1S) suppression in hot QCD matter**, Captain Rituraj Singh
- **J/ψ measurements in pp collisions at $\sqrt{s} = 13$ TeV using EMCAL-triggered events with ALICE at LHC**, Cristiane Jahnke
- **Anisotropic azimuthal correlations of identified hadrons in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**, Vojtech Pacik
- **$K^*(892)_{\pm}$ and (1020) production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE at the LHC**, Pragati Sahoo, Sushanta Tripathy
- **First results of $K^*(892)_{\pm}$ production in pp collisions at $\sqrt{s} = 13$ TeV with ALICE at LHC**, Kunal Garg
- **$K^*(892)_0$ Production in pp Collisions with ALICE Detector at the LHC**, Arvind Khuntia, Raghunath Sahoo
- **Heavy-flavour hadron decay electron correlations in p-Pb and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ALICE detector**, Deepa Thomas
- **Study of (1232) $_{++}$ and anti- $\Delta(1232)_{--}$ Resonance Properties in p-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE**, Serpil Yalcin
- **Multiplicity dependence of pion, kaon and proton production in pp collisions at $\sqrt{s} = 7$ and 13 TeV**, Pranjal Sarma
- **'Particle states' of Lattice QCD, Apostolos Panagiotou**
Estimation of transport coefficients in an anisotropic QGP using a quasiparticle approach, Lata Thakur



- **Study of flow, fluctuation and CME background in Isobaric collisions using a transport model**, Rihan Haque
- **Angular correlations of heavy-flavour hadron decay electrons with charged particles in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ALICE Detector**, Henrique Jose Correia Zanoli
- **Measurement of D^{*+} -meson production in p-Pb and pp collisions with ALICE at the LHC**, Annelies Marianne Veen
- **Reduction of the K^* meson abundance and kinetic freeze-out in heavy ion collisions**, Sungtae Cho
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