

# July 25(Mon.)-30(Sat.), 2016

The Clock Tower Centennial Hall, Kyoto University

http://menu2016.riken.jp



#### Registration

Early registration desk will be located in the International Conference Hall III and will be open during 4-7 pm. on Monday July 25th. On-site registration desk will be placed in front of the Centennial Hall during the conference starting at 9:10 am on Tuesday, July 26th. Upon registration at the desk, you will receive your badge with a "Sanada strap" (a product introduction is included in a conference bag), and information materials. You are kindly requested to wear your name badge during all events of the conference, especially at the Welcome drink and Banquet. Please return your name badge except for the strap when you leave. The desk will be open during the following hours:

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7/25
                       / 16:00 – 19:00
                                       2F
7/26 9:10 – 13:30
                   1F / 14:00 – 17:30
                                       2F
7/27
     10:00 - 13:30
                                       2F
                   1F
                      / 14:00 – 16:45
7/28
     10:00 - 13:30
                   1F
                       / 14:00 – 15:00 2F
7/29
     10:00 - 13:30
                   1F
                      / 14:00 – 17:30 2F
7/30
     10:00 - 19:00
                   1F
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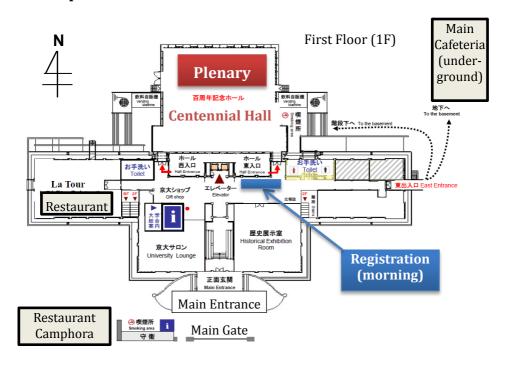
#### **Instruction to Presenters**

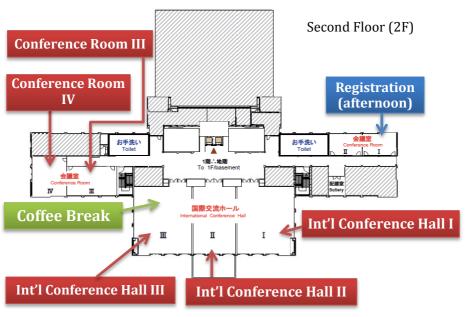
You are asked to upload your presentation file to RIKEN Indico the day before your talk. Instructions will be informed via e-mail. Talks must be uploaded in PowerPoint or pdf format. Every hall is equipped with a Windows 7 computer for presentation running Office Standard 2013 and Adobe Reader XI. The use of individual laptops will not be allowed.

#### Network

You can use "eduroam" (<a href="http://www.eduroam.jp/">http://www.eduroam.jp/</a>) wireless LAN service at the conference site. We will also provide gest account tickets for non-eduroam members. Please fill in the blanks at the bottom of the ticket and cut if off to submit it to organizers.

#### Hall map





ENU2016

#### Welcome Drink

17:00-19:00, Monday, July 25, 2016

Welcome drink will be held in the International Conference Hall III on the second floor at the conference site, Kyoto University Clock Tower Centennial Hall. Early registration desk will be open 16:00 – 19:00 at the same place.

#### **Banquet**

Date: 18:00-21:00, Wednesday, July 27, 2016

Location: HIGASHIYAMA hall, **SODOH** Higashiyama

with digestif & guide tour at Kodai-ji Zen temple

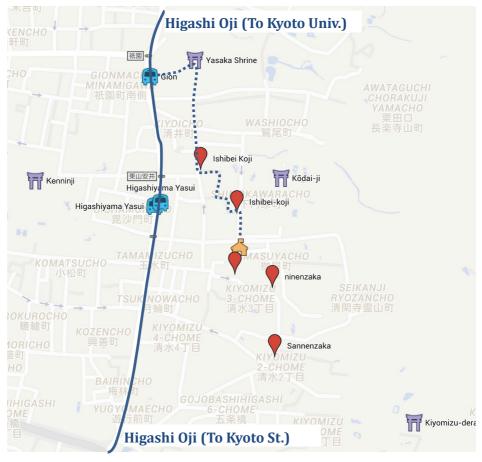
The banquet will be held at the SODOH Higashiyama restaurant, located at the center of Higashiyama area, the most popular tourist spot. The whole house served once as an atelier for Japanese painter, Seiho Takeuchi. The site is surrounded many historical temples and shrines;

**<u>Kiyomizu temple</u>**, one of the world heritage sites

**Kodai-ji temple**, Zen temple established in 1605 by the legendary Nene **Yasaka Shrine** Grand Head Shrine of about 2300 Yasaka-jinja shrines, established in 656

There is no shuttle service. We kindly ask for your understanding. You can reach the restaurant taking a city bus No.206 for the Kyoto station at the nearest bus stop "Kyodai Seimon Mae", and get off at "Gion" or "Higashiyama Yasui" bus stops. It takes about 15 minutes. The bus runs every 10 minutes. It is best tourist route to get off at the Gion bus stop and take a 15 minutes' walk to the SODOH restaurant. The route is available at: <a href="https://goo.gl/FpiNoO">https://goo.gl/FpiNoO</a> After dinner, digestif will be served at a beautiful garden of Kodai-ji temple as a special night quided tour. Kodai-ji is just across from the SODOH.

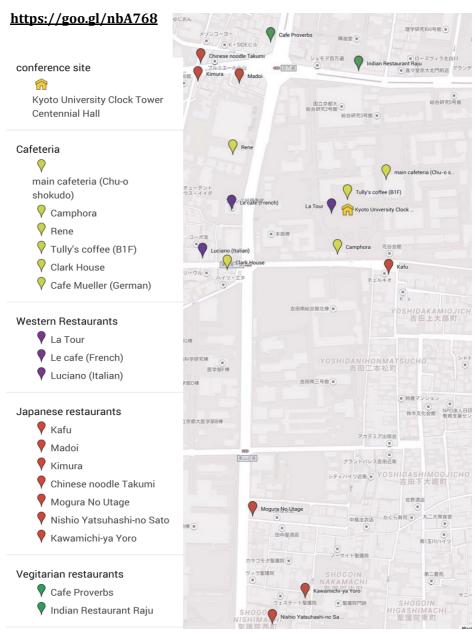




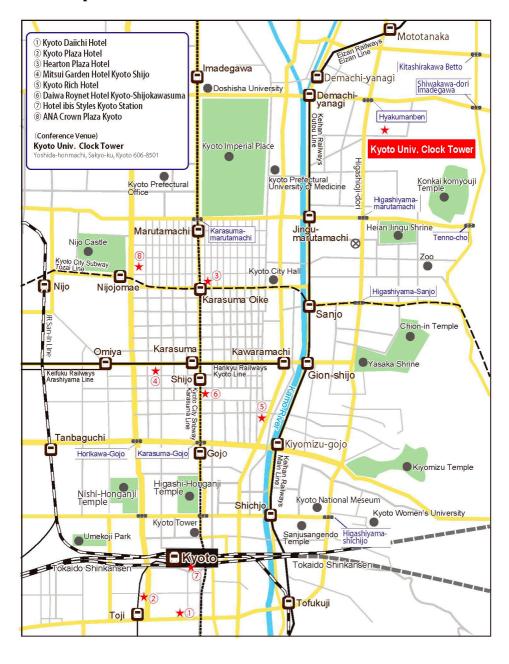


#### **Lunch Map**

There are several university cafeterias around the clock tower hall, together with reasonable restaurants. The detail information is available at:



#### **Hotel Map**





#### ATM, Pharmacy & Hospital

You can withdraw Japanese yen at an ATM of Post Office close to the north exist of the main campus. For UnionPay users, also a bank ATM close to the nearest bust top "Kyodai seimon mae" together with one at the convenience store "Lawson" are available.

You can buy a SIM card at Yodobashi Camera Kyoto, BOOKOFF Kawramachi OPA, Hotel new Hankyu Kyoto, Kansai Tourist Information Center Kyoto. Please visit the following map to get more information.

https://goo.gl/0ybFjp

# **MENU2016 Timetable**

# Tuesday 26 July 2016

Plenary: 1 - (09:40-11:20)

Centennial Hall chair: E. Oset

09:40	Opening (00h20')	
10:00	Nucleon Resonances and their Structure (00h40')	GOTHE, Ralf W.
10:40	Lattice result on the neutron-proton mass differences (00h40')	FODOR, Zoltan

Break - (11:20-11:40)

Plenary: 2 - (11:40-13:00)

Centennial Hall chair: T.Kunihiro

	11:40	Recent developments in nucleon spin decomposition (00h40')	HATTA, Yoshitaka
ľ	12:20	KbarNN bound state search at J-PARC (00h40')	SAKUMA, Fuminori

**Lunch break - (13:00-14:15)** 

#### **Parallel Sessions**

Baryons: A-5 / 26-B-1 - (14:15-16:20)

Conference Room IV chair: K. Imai

14:15	First Measurements of Timelike Form Factors of Lambda, Sigma, Cascade, and Omega Hyperons at Q^2 = 14 GeV^2, and Evidence for Diquark Correlations (00h35')	SETH, Kamal
14:50	Neutral pion form factor measurement by the NA62 experiment (00h30')	GAMBERINI, Enrico
15:20	Progress on the baryon spectroscopy at BESIII (00h30')	ZHANG, Jingqing
15:50	New Measurements of Hyperon Production From Charmonium States (00h30')	DOBBS, Sean

#### Meson-Nucleon Interactions: A-1 / 26-mni-1 - (14:15-16:20)

#### International Conference Hall I chair: F.Sakuma

14:15	The "K-pp" system investigated with a coupled-channel Complex Scaling Method (00h35')	DOTE, Akinobu
14:50	Recent result of an exclusive measurement of 3He(K-, $\Lambda$ p)n reaction to search for KbarNN bound state at J-PARC (00h30')	YAMAGA, Takumi
15:20	On the structure observed in the in-flight 3He (K^- , Lambda p) n reaction at J-PARC (00h30')	SEKIHARA, Takayasu
15:50	Study of the Kbar-nucleus interaction by using the 12C(K-, p) reaction at J-PARC (00h30')	ICHIKAWA, Yudai

#### Meson-Nucleon Interactions: A-4 / 26-mni-2 - (14:15-16:20)

#### Conference Room III chair: S. Yokkaichi

14:15	The phi meson in nuclear matter and the strangeness content of the nucleon (00h35')	GUBLER, Philipp
14:50	Systematic study of the vector meson spectral modification in the nuclear medium at J-PARC (00h30')	KOMATSU, Yusuke
15:20	Phi mesons in cold nuclear matter with chirally-based resonant phi-N interactions (00h30')	HILLER BLIN, Astrid
15:50	Dilepton results from HADES using Au+Au data at 1.23 AGeV (00h30')	FRANCO, Celso

#### Nucleon Structure: A-2 / 26-Ns-1 - (14:15-16:20)

#### International Conference Hall II chair: Y.Hatta

14:15	Exotic-hadron signature by constituent-counting rule in perturbative QCD (00h35')	KUMANO, Shunzo
14:50	New Deeply Virtual Compton Scattering results from Jefferson Lab (00h30')	MUNOZ CAMACHO, Carlos
15:20	Estimate on spin asymmetry for Drell-Yan process at Fermilab with tensor-polarized deuteron (00h30')	SONG, Qin-Tao
15:50	Consistency check of charged hadron multiplicities and fragmentation functions in SIDIS (00h30')	KAO, Chung-Wen

#### Pentaguarks: A-3 / 26-PQ-1 - (14:15-16:20)

#### International Conference Hall III chair: B.S. Zou

14:15	The \$\Lambda_{b}\rightarrow J\psi K^{0}\Lambda\$ and \$\Lambda_b\$ into \$J\psi \eta \Lambda\$reactions and a hidden-charm pentaquark state with strangeness (00h30')	OSET, Eulogio
14:45	Exotic pentaquark spectroscopy (00h30')	SANTOPINTO, Elena
		Liella
15:15	ccbar pentaquarks by a quark model (00h30')	TAKEUCHI, Sachiko

#### Break - (16:20-16:50)

#### Baryons: B-3 / 26-B-2 - (16:50-18:55)

#### International Conference Hall III chair: H.Kamano

16:50	Meson productions in neutrino-nucleon scattering (00h35')	NAKAMURA, Satoshi
17:25	Empirical parametrizations of the resonance transition amplitudes based on the Siegert's theorem (00h30')	RAMALHO, Gilberto
17:55	Two-Photon Exchange Effects and \$\Delta(1232)\$ Deformation (00h30')	ZHOU, Hai-Qing

## Few body Systems: B-4 / 26-FB-1 - (16:50-18:55)

#### Conference Room III chair: A.Dote

16:50	Few-body approach for structure of light kaonic nuclei (00h30')	OHNISHI, Shota
17:20	Model-independent determination of the compositeness of near-threshold quasibound states. (00h30')	KAMIYA, Yuki
17:50	Three-nucleon reactions with chiral forces (00h30')	WITALA, Henryk
18:20	Search for tetraneutron by pion double charge exchange reaction at J-PARC (00h30')	FUJIOKA, Hiroyuki

#### Fundamental Symmetries: B-1 / 26-Sy-1 - (16:50-18:55)

#### International Conference Hall I chair: L. Gan

16:5	Search for dark sector at BESIII (00h30')	GUO, Yuping
17:2	Search for K+ to pi+ nu nu at NA62 (00h30')	MINUCCI, Elisa
17:5	Searches for lepton number violation and resonances in the K+>pi mu mu decays at the NA48/2 experiment (00h30')	ZINCHENKO, Andrey

# Meson-Nucleon Interactions: B-5 / 26-mni-3 - (16:50-18:55)

#### Conference Room IV chair: T.Ishikawa

16:50	Interference effect between $\varphi$ and $\Lambda(1520)$ production channels in the $\gamma p\text{->}K\text{+}K\text{-}p$ reaction near threshold (00h30')	RYU, Sun Young
17:20	Status and prospects of LEPS2 solenoid spectrometer (00h30')	NIIYAMA, Masayuki
17:50	On the near-threshold incoherent \$\phi\$ photoproduction on the deuteron: any trace of a resonance? (00h30')	KISWANDHI, Alvin

# Mesons: B-2 / 26-M-1 - (16:50-18:55)

## International Conference Hall II chair: S.Takeuchi

	16:50	XYZ States at BESIII (00h30')	WANG, Bin
	17:20	Probing \$Y(4260)\$ as the \$D_1\bar{D}+c.c.\$ hadronic molecule state in \$e^+e^-\$ annihilations (00h30')	XUE, Si-Run
	17:50	Heavy-quark spin symmetry partners of the X(3872) molecule. (00h30')	BARU, Vadim
	18:20	Z_c(3900): theory, experiment, lattice (00h30')	ALBALADEJO, Miguel

# Wednesday 27 July 2016

Plenary: 3 - (09:15-11:15)

Centennial Hall chair: Q. Zhao

09:15	XYZ resonances at Belle (00h40')	MIYABAYASHI, Kenkichi
09:55	Progress on light meson spectroscopy at BESIII (00h40')	FANG, Shuangshi
10:35	Zc(3900) from Lattice QCD simulation (00h40')	IKEDA, Yoichi

#### Break - (11:15-11:40)

Plenary: 4 - (11:40-13:00)

Centennial Hall chair: Z.Fodor

11:40	How the minuscule contributes to the big picture: the neutron electric dipole moment (00h40')	PICKER, Ruediger
12:20	Search for beyond standard model and QCD (00h40')	IZUBUCHI, Taku

# **Lunch break** - (13:00-14:15)

#### **Parallel Sessions**

# Meson-Nucleon Interactions: C-1 / 27-mni-4 - (14:15-16:20)

# International Conference Hall I chair: T.Hyodo

14:15	Exotic baryons as a hadronic molecule in the heavy quark region (00h35')	YAMAGUCHI, Yasuhiro
14:50	PERSPECTIVE STUDY OF CHRMONIUM, EXOTICS AND BARYONS WITH CHARM AND STRANGENESS (00h30')	BARABANOV, Mikhail
15:20	1+1 large N_c QCD and its holographic dual (00h30')	NAKAGAWA, Yuya
15:50	A study of the H-dibaryon in holographic QCD (00h30')	MATSUMOTO, Kohei

#### Mesons: C-3 / 27-M-2 - (14:15-16:20)

# International Conference Hall III chair: Shin-Nan Yang

14:15	Tetraquarks and the chiral phase transition (00h35')	PISARSKI, Robert
	Possible effect of mixed phase and deconfinement upon spin correlations in the \$\Lambda \bar{\Lambda}\$ pairs generated in relativistic heavy-ion collisions (00h30')	LYUBOSHITZ, Valery
15:20	Gluon fragmentation functions in the NJL model (00h30')	YANG, Dong-Jing

#### Nucleon Structure: C-2 / 27-Ns-2 - (14:15-16:20)

#### International Conference Hall II chair: I.Nakagawa

14:15	Light-cone QCD sum rules for soft contribution to exclusive Drell-Yan process at J-PARC (00h35')	TANAKA, Kazuhiro
14:50	Studying nucleon partonic structure with the COMPASS unpolarised Drell-Yan programme (00h30')	SAWADA, Takahiro
15:20	Study of the hadron structure using the polarised Drell-Yan process at COMPASS (00h30')	QUARESMA, Má rcia
15:50	Measurement of Antiquark Flavor Asymmetry in the Proton by the Drell-Yan Experiment SeaQuest at Fermilab (00h30')	NAGAI, Kei

#### Pentaquarks: C-4 / 27-PQ-2 - (14:15-16:20)

#### Conference Room III chair: Y.Ikeda

14:15	$\bar D}\$ and $\bar D^*\$ interactions and the LHCb hidden-charmed pentaquarks (00h30')	HE, Jun
14:45	Understanding the nature of the heavy pentaquarks and searching for them in pion-induced reactions (00h30')	LIU, Xiao-Hai
15:15	Pc(4450) and triangle singularity (00h30')	GUO, Feng-Kun

Banquet - (18:00-21:00)

# Thursday 28 July 2016

Plenary: 5 - (09:15-10:30)

Centennial Hall chair: E.Santopinto

09:15	LHCb results on pentaquark search (00h40')	KUCHARCZYK, Marcin
09:55	Hidden charm pentaquarks (00h40')	ZOU, Bing-Song

Break - (10:35-11:00)

Plenary: 6 - (11:00-13:00)

Centennial Hall chair: S.Fang

11:00	Recent results from LEPS (00h40')	NAKANO, Takashi
11:40	Hadron spectroscopy with COMPASS (00h40')	PAUL, Stephan
12:20	Threshold and kinematic effects for the exotic resonance-like structures (00h40')	ZHAO, Qiang

# Friday 29 July 2016

Plenary: 7 - (09:15-10:35)

Centennial Hall chair: Su-Hong Lee

i	00.45	D	14001(41 D
П	09:15	Recent results from WASA-at-COSY (00h40')	MOSKAL, Pawel
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Г	∩a·55	Formation of possible eta'(958)-nucleus bound states and eta'N	NAGAHIRO
П	03.00	Torriation of possible cta (950)-nacicus bound states and cta N	NAGAIIINO,
П		interaction (00h40')	Hideko
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Break - (10:35-11:00)

Plenary: 8 - (11:00-13:00)

Centennial Hall chair: T.Nakano

11:00	Baryon Spectroscopy: Recent Results from ELSA (00h40')	BECK, Reinhard
11:40	3	SCHUMACHER, Reinhard
12:20	Modern dynamical coupled-channels calculations for extracting and understanding the nucleon spectrum (00h40')	KAMANO, Hiroyuki

# Lunch break - (13:00-14:15)

# **Parallel Sessions**

Baryons: D-3 / 29-B-3 - (14:15-16:20)

# International Conference Hall III chair: J.Messchendorp

14:15	Recent results on charmed baryons at Belle (00h35')	KATO, Yuji
14:50	Λc decays at BESIII (00h30')	SONG, Weimin
15:20	Experimental investigation for diquark degrees of freedom in a charmed baryon at J-PARC (00h30')	TAKAHASHI, Tomonori

#### Fundamental Symmetries: D-1 / 29-Sy-2 - (14:15-16:20)

#### International Conference Hall I chair: R.Picker

14:15	Opportunities for Electroweak & Beyond The Standard Model Physics with the US Electron Ion Collider (00h35')	DESHPANDE, Abhay
14:50	Charm Physics at BESIII (00h30')	FANG, Yi
15:20	Anomalies in electroweak penguins at LHCb (00h30')	CHRZASZCZ, Marcin
15:50	Test Fundamental Symmetries via Precision Measurements of pi0, eta and eta' Decays (00h30')	GAN, Liping

# Meson-Nucleon Interactions: D-4 / 29-mni-5 - (14:15-16:20)

#### Conference Room III chair: H.Nagahiro

14:15	Precision spectroscopy of deeply bound pionic states in 121, 116Sn (00h30')	NISHI, Takahiro
14:45	Spectroscopy of pionic atoms via (p,2He) reaction (00h30')	WATANABE, Yuni
15:15	Formation of deeply bound pionic atoms and pion properties in nuclei (00h30')	IKENO, Natsumi

#### Mesons: D-2 / 29-M-3 - (14:15-16:20)

#### International Conference Hall II chair: H.Dahiya

14:15	Hadron Physics at KLOE and KLOE-2 (00h35')	BLOISE, Caterina
14:50	Unitary dispersive approach for the three pion light meson decays (00h30')	DANILKIN, Igor
15:20	Study of vector and tensor meson decay constants in light-front quark model (00h30')	LIH, Chong-Chung
15:50	Extraction of the \$\pi^+\pi^-\$ subsystem in Diffractively Produced \$\pi^-\pi^-\$ at COMPASS (00h30')	KRINNER, Fabian

Break - (16:20-16:50)

#### Meson-Nucleon Interactions: E-1 / 29-mni-6 - (16:50-18:55)

#### International Conference Hall I chair: H.Noumi

16:50	Study of the d( $\gamma$ , K+) $\Sigma\pi N$ reaction at LEPS (00h30')	TOKIYASU, Atsushi
17:20	Spectroscopic experiment of Λ(1405) via in-flight d(K-n) reaction at J-PARC K1.8BR (00h30')	KAWASAKI, Shingo
17:50	Construction and application of the KbarN local potential based on chiral unitary approach (00h30')	MIYAHARA, Kenta
18:20	\$\text{K}N\text{\$ interaction in the Skyrme model (00h30')}	EZOE, Takashi

#### Mesons: E-2 / 29-M-4 - (16:50-18:55)

#### International Conference Hall II chair: P.Moskal

16:50	Photoproduction of \$\eta\$ and \$\eta'\$ mesons on proton and neutron (00h30')	KASHEVAROV, Victor
17:20	Excitation spectra of carbon nuclei near eta' emission threshold (00h30')	ITAHASHI, Kenta
17:50	\$\eta n\$ scattering length from the reaction \$\gamma d\to p \eta n\$ at \$E_\gamma\sim 0.9\$ GeV (00h30')	ISHIKAWA, Takatsugu
18:20	Electromagnetic Transition Form Factor of the η Meson with WASA-at-COSY (00h30')	GOSWAMI, Ankita

#### Mesons: E-3 / 29-M-5 - (16:50-18:55)

#### International Conference Hall III chair: Y.Kato

16:50	Study of three-body charmonium decays at BABAR (00h30')	SOFFER, Abner
17:20	Recent results of bottomonium(-like) spectroscopy at Belle (00h30')	KWON, Youngjoon
17:50	The Bc->J/psi KD weak decay and its relation with the D*s0(2317) (00h30')	FERNANDEZ- SOLER, PEDRO
18:20	Open charm contributions to the E1 transitions of $\psi(3686)$ and $\psi(3770)$ -> $\gamma\chi$ _cJ (00h30')	CAO, Zheng

#### Nucleon Structure: E-4 / 29-Ns-3 - (16:50-18:55)

# Conference Room III chair: R. Yoshida

16:50	The Proton Radius (PRad) Experiment at Jefferson Lab (00h30')	GASPARIAN, Ashot
17:20	Octet Baryon Quark Flavor Distribution Functions (00h30')	DAHIYA, Harleen
17:50	Measurements of baryon form factors at BESIII (00h30')	ZHANG, Bingxin
18:20	Non-dipolar Wilson links for parton densities (00h30')	LI, Hsiang-nan

# Saturday 30 July 2016

Plenary: 9 - (09:15-10:35)

Centennial Hall chair: S.Kumano

09:15	Review on recent results from RHIC polarized collider; unexpected forward neutron asymmetry (00h40')	NAKAGAWA, Itaru
09:55	The exclusive Drell-Yan process and deeply virtual pion production (00h40')	KROLL, Peter

#### Break - (10:35-11:00)

Plenary: 10 - (11:00-13:00)

Centennial Hall chair: A.Desphande

11:00	Review of TMD measurements (00h40')	CONTALBRIGO, Marco
11:40	Review of GPD and TMD (00h40')	QIU, Jianwei
12:20	Electron-Ion Collider (00h40')	YOSHIDA, Rik

#### **Lunch break - (13:00-14:15)**

# Plenary: 11 - (14:15-16:15)

Centennial Hall chair: R.Beck

14:15	Physics program with CLAS12 (00h40')	DE VITA, Raffaella
14:55	The Belle II experiment (00h40')	LIVENTSEV, Dmitri
15:35	The PANDA experiment at FAIR (00h40')	MESSCHENDORP, Johan

#### Break - (16:15-16:40)

# Plenary: 12 - (16:40-18:20)

Centennial Hall chair: R.Schumacher

16:40	Physics in J-PARC Hadron-hall extension (00h40')	NOUMI, Hiroyuki
17:20	Summary (00h40')	IMAI, Kenichi
18:00	Closing (00h20')	



# **International Advisory Committee**

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