# **August 1st (Mon) Room A (Japan Standard Time)**

	Room A August 1st (Mon) 9:00-10:00 Chair: Masaru Ogura (The University of Tokyo)				
No.	Title of Paper	Authors	Affiliation		
PL-3 9:00- 10:00	Progress and future of automotive exhaust gas purification catalysts: materials, parts and R&D methods	Hirohito Hirata	Toyota Motor Corporation		

Room A August 1st (Mon) 10:20-12:00 Chair: Tatsumi Ishihara (Kyushu University) Chuanyi Wang (Shaanxi University of Science and Technology)				
No.	Title of Paper	Authors	Affiliation	
OA16 10:20- 10:40	Efficient NO reduction over Rh- modified Ir overlayer	<u>Hiroshi Yoshida</u> , Tomoyo Koide, Takuya Uemura, Junya Ohyama, Masato Machida	Kumamoto University	
OA17 10:40- 11:00	Nanoscale visualization of oxygen storage at Pd/CeO <sub>2</sub> -ZrO <sub>2</sub> solid solution interface through oxygen isotope labeling	<u>Tsuyoshi Nagasawa,</u> Shun Ishikawa, Susumu Sato, Hidenori Kosaka	Tokyo Institute of Technology	
OA18 11:00- 11:20	Comparison of catalytic technologies for oxidation of humid, lean methane gas streams	Matthew Drewery, Matthew Bligh, Eric M. Kennedy, Michael Stockenhuber	University of Newcastle	
OA19 11:20- 11:40	Invited Synthesis of core-shell structured FAU@BEA zeolites and their HC trap performance	<u>Shinji Iwamoto,</u> Takashi Kubota, Fuya Sugiyama, Maki Fukuda, Yutaro Tsuji, Yasuyuki Takeda	Gunma University	
OA20 11:40- 12:00	Understanding morphology- dependent BaCoO <sub>3</sub> /CeO <sub>2</sub> interactions for highly efficient NO direct decomposition	Running Kang, Xuehai Wang, Gang Wang, Yongdan Li	Aalto University	

## **August 1st (Mon) Room A (Japan Standard Time)**

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Room	Room A August 1st (Mon) 13:00-15:20				
Chair:					
	Do Heui Kim (Seoul National Univer	rsity)			
No.	Title of Paper	Authors	Affiliation		
KN-7 13:00- 13:40	From deNO <sub>x</sub> to reNO <sub>x</sub> : NH <sub>3</sub> generation by use of NO in combustion exhaust	Masaru Ogura, Tetsuya Nanba, Yuichi Manaka	The University of Tokyo		
OA21 13:40- 14:00	Invited Design of platinum group metal-free automotive three-way catalyst: MgMn <sub>2</sub> O <sub>4</sub> and CuCo <sub>2</sub> O <sub>4</sub> in tandem layout	Keisuke Maruichi, Ryosuke Sakai, Kakuya Ueda, Akira Oda, <u>Atsushi Satsuma</u>	Nagoya University		
OA22 14:00- 14:20	New insights into the influence of metal sulfides precursor on SO <sub>2</sub> resistance property for NH <sub>3</sub> -SCR catalyst	Bora Ye, Bora Jeong, Myeung- Jin Lee, Kyung-yo Park, Donghyeok Kim, Jung Jae il, Hong-Dae Kim	Korea Institute of Industrial Technology		
OA23 14:20- 14:40	Invited Simultaneous removal of particulate matter (PM) and NOx from diesel engines exhaust gas	Tatsumi Ishihara, Ryo Takahashi, Jun Tae Song, Motonoari Watanabe, and Atsushi Takagaki	Kyushu University		
OA24 14:40- 15:00	Three-way catalytic performance of IrRh nanoparticles supported on Y-stabilized ZrO <sub>2</sub>	Yoshihide Nishida, Koki Aono, Hiromi Togashi, Shunsuke Ohishi, Masaaki Haneda	Nagoya Institute of Technology		
OA25 15:00- 15:20	Invited Preparation of LaFeO <sub>3</sub> perovskite- type mixed oxide partially substituted by Ce ion	Hidenori Yahiro, Hinano Tabara, Misaki Akai, Masami Mori, Hiroyuki Yamaura, Syuhei Yamaguchi, Kakeru Ninomiya,	Ehime University		

Maiko Nishibori

## August 1st (Mon) Room A (Japan Standard Time)

## **Room A** August 1st (Mon) 15:50-18:10

Chair: Hui Xu (Energy Research Institute of Jiangsu University)
Yuxiao Zhang (AIST)

]	Yuxiao Zhang (AIST)			
No.	Title of Paper	Authors	Affiliation	
OA26 15:50- 16:10	Efficiently non-sacrificial H <sub>2</sub> O <sub>2</sub> production on BiPO <sub>4</sub> photocatalyst	<u>Chengsi Pan</u> , Gaoming Bian, Yaning Zhang, Ying Zhang, Yang Lou, Yongfa Zhu	Jiangnan University	
OA27 16:10- 16:30	Design of frustrated Lewis pair in defective TiO <sub>2</sub> for photocatalytic non-oxidative methane coupling	<u>Jiayu Ma</u> , Qingqing Zhang, Ziyu Chen, Kai Kang, Jinlong Zhang, Lingzhi Wang	East China University of Science and Technology	
OA28 16:30- 16:50	Influence of amine functionalization in hierarchically-porous support framework for plasmon-mediated catalysis	Priyanka Verma, Panashe Mhembere, Kohsuke Mori, Yasutaka Kuwahara, Robert Raja, Hiromi Yamashita	Osaka University	
OA29 16:50- 17:10	Photocatalytic hydrogen-recovering dye wastewater treatment through dual-functional hierarchical heterostructure	Jian Zhao, <u>Peng Zhang</u>	Shanghai University	
OA30 17:10- 17:30	Mechanistic investigation of water oxidation reaction catalyzed by a dinuclear cobalt complex with doubly N-confused hexaphyrin	<u>Takashi Nakazono,</u> Tohru Wada, Yusuke Yamada	Osaka Metropolitan University	
OA31 17:30- 17:50	Reactive species-dependent toluene mineralization reaction mechanism	Qi Li, <u>Fa-tang Li</u>	Hebei University of Science and Technology	
OA32 17:50- 18:10	Photoelectrochemical CO <sub>2</sub> reduction to formate over hybrid system of CdS photoanode and formate dehydrogenase under visible light irradiation	Masanobu Higashi, Takumi Toyodome, Itsuki Tanaka, Tomoko Yoshida, Yutaka Amao	Osaka Metropolitan University	

# **August 1st (Mon) Room B (Japan Standard Time)**

Room B August 1st (Mon) 10:20-12:00 Chair: Masaru Ogura (The University of Tokyo) Sung June Cho (Chonnam National University)				
No.	Title of Paper	Authors	Affiliation	
KN-6 10:20- 11:00	Novel method to overcome the sulfur poisoning of vanadia catalyst for NO <sub>x</sub> removal	<u>Do Heui Kim</u>	Seoul National University	
OB18 11:00- 11:20	Invited Spectroscopy characterizations of active copper species in Cuexchanged Ce-modified Y-zeolite for selective catalytic reduction of nitric oxide with ammonia	Ming-Pei Lin, Te-An Chiu, Soofin Cheng, <u>Wen-Yueh Yu</u>	National Taiwan University	
OB19 11:20- 11:40	Cesium as a dual-function promoter in Co/Ce-Sn catalyst for soot oxidation	Meng Wang, Yan Zhang, Yunbo Yu, Wenpo Shan, Hong He	Chinese Academy of Sciences	
OB20 11:40- 12:00	Utilization of highly crystallized CeO <sub>2</sub> as an additive of Pt based catalyst for exhaust gas purification	<u>Hiroki Tanaka</u> , Itaru Morita, Yuki Nagao, Yoshinori Endo, T.akashi Wakabayashi, Masaaki Haneda	Mitsui Mining & Smelting Co., Ltd.	

## **August 1st (Mon) Room B (Japan Standard Time)**

#### **Room B** August 1st (Mon) 13:00-15:20

Chair: Takanori Miyake (Kansai University)

**Zheng Wang (Chinese Academy of Sciences)** 

No.	Title of Paper	Authors	Affiliation
OB21 13:00- 13:20	Photo/electrochemical CO <sub>2</sub> reduction to fuel by CuxO based nanomaterials	Wei Zhang, Luo Yu, <u>Ying Yu</u>	Central China Normal University
OB22 13:20- 13:40	High-efficiency, carbon deposition- resistant Ni-CaO-based catalyst for integrated CO <sub>2</sub> capture and conversion	Shuang Xing, <u>Rui Han</u> , Yang Wang, Caihong Pang, Yang Hao, Chunfeng Song, Qingling Liu	Tianjin University
OB23 13:40- 14:00	Copolymerization of carbon dioxide and oxetane catalyzed by aluminum porphyrin complex system	<u>Masayoshi Honda,</u> Ryo Nakamura, Hiroshi Sugimoto	Tokyo University of Science
OB24 14:00- 14:20	Invited One-step methyl acetate synthesis from CO <sub>2</sub> on Cu-ZnO@SiO <sub>2</sub> /FER	Xu Wang, So Yun Jeong, Eun Jeong Kim, <u>Jong Wook Bae</u>	Sungkyunkwan University
OB25 14:20- 14:40	Invited Suppression of coke formation in controlled Ni particle catalyst supported on alumina with a secondary porosity over dry reforming of methane	Soon Hee Park, Kyeong Su Sin, <u>Sung June Cho</u>	Chonnam National University
KN-8 14:40- 15:20	Functional MOFs and their derivates for clean energy production and waste conversion	<u>Kevin C. W. Wu</u>	National Taiwan University

## **August 1st (Mon) Room B (Japan Standard Time)**

#### Room B August 1st (Mon) 15:50-18:10

Chair: Ying Yu (Central China Normal University)
Wan Yush Yu (National Taiwan University)

1	Wen-Yueh Yu (National Taiwan University)			
No.	Title of Paper	Authors	Affiliation	
OB26 15:50- 16:10	Barium titanium oxyhydride: Synthesis and application as an ammonia synthesis catalyst	Yoshihiro Goto, Masashi Kikugawa, Keisuke Kobayashi, Yuichi Manaka, Tetsuya Nanba, Hideyuki Matsumoto, Marie Ishikawa, Mitsuru Matsumoto, Masakazu Aoki, Haruo Imagawa	Toyota Central R&D Labs., Inc.	
OB27 16:10- 16:30	Electrocatalytic ammonia synthesis via the reduction of nitrogen source under ambient conditions	<u>Haibo Yin,</u> Yue Peng, Junhua Li	Tsinghua University	
OB28 16:30- 16:50	Enhanced catalytic activity for ammonia synthesis over Ru/CaH <sub>2</sub> by addition of oxygen	<u>Takaya Ogawa,</u> Ryusei Morimoto, Koichi Ueno, Hideyuki Okumura, Keiichi N. Ishihara	Kyoto University	
OB29 16:50- 17:10	Visible-light-driven overall water splitting on Ta-based oxynitride photocatalysts	Zheng Wang	Chinese Academy of Sciences	
OB30 17:10- 17:30	Low-temperature reverse water-gas shift reaction in the electric field	<u>Ryota Yamano</u> , Shuhei Ogo, Takuma Higo, Yasushi Sekine	Waseda University	
OB31 17:30- 17:50	Fe <sub>4</sub> N promoted iron carbide for chemosynthesis of ethanol via hydrogenation of dimethyl oxalate	Huijiang Huang, Qiang Wang, Xin Shang, <u>Yujun Zhao,</u> Xinbin Ma	Tianjin University	
OB32 17:50- 18:10	3D carbon cage encapsulated ultrasmall MoC nanoparticles for promoting simultaneously photocatalytic hydrogen generation and organic wastewater degradation	<u>Sijia Liu</u> , Xifei Zhou, Junxian Qin, Yun Hu	South China University of Technology	

## **August 1st (Mon) Room C (Japan Standard Time)**

## Room C August 1st (Mon) 10:20-12:00

Chair: Naoki Mimura (AIST)

Jong Wook Bae (Sungkyunkwan University)

, and the second	John Wook Dae (Sungkyunkwan Omversity)			
No.	Title of Paper	Authors	Affiliation	
OC18 10:20- 10:40	Fibrous nano-carbon ring supported Au-Cu catalysts for the dehydrogenation of Ethanol to Acetaldehyde and its subsequent direct aldol reaction for the synthesis of 1,3-butanediol	<u>Mahlet N. Gebresillase,</u> Jeong Gil Seo	Hanyang University	
OC19 10:40- 11:00	Catalytic transesterification of polyesters using Lewis acid promoted heterogeneous metal oxide catalysts	S. M. A. Hakim Siddiki, Kotohiro Nomura	Tokyo Metropolitan University	
OC20 11:00- 11:20	High-efficient conversion of glycerol to methanol over CaO/HZSM-5 catalyst	Thachapan Atchimarungsri, Xinhua Gao, Prasert Reubroycharoen, Tiansheng Zhao	Chulalongkorn University	
OC21 11:20- 11:40	Invited Catalytic hydrogenolysis of alkanes and polyolefinic plastics catalyzed by ceria-supported Ru catalysts	<u>Keiichi Tomishige,</u> Masazumi Tamura	Tohoku University	
OC22 11:40- 12:00	Nitrous oxide reduction-coupled alkene-alkene coupling catalyzed by metalloporphyrin	Shunsuke Saito, Hiro Ohtake, Naoki Umezawa, Yuko Kobayashi, Masaaki Hirobe, <u>Tsunehiko Higuchi</u>	Nagoya City University	

August 1st (Mon) Room C (Japan Standard Time)				
Room C August 1st (Mon) 13:00-15:20 Chair: Saburo Hosokawa (Kyoto Institute of Technology) Young-Woong Suh (Hanyang University)				
No.	Title of Paper	Authors	Affiliation	
OC23 13:00- 13:20	Invited Improvement of hydrogen production based on formate decomposition catalyzed with polyvinylpyrrolidone dispersed platinum nanoparticles using an isobaric system	<u>Yutaka Amao</u> , Masako Kuwata, Yumiko Muroga	Osaka Metropolitan University	
OC24 13:20- 13:40	Selective oxidation of methane catalyzed by supported iron oxide subnanoclusters prepared from a diiron-introduced polyoxometalate precursor	Tomohiro Yabe, Keiju Wachi, Takaaki Suzuki, Kentaro Yonesato, Kosuke Suzuki, Kazuya Yamaguchi	The University of Tokyo	

13:00-	catalyzed with polyvinylpyrrolidone dispersed platinum nanoparticles using an isobaric system	Yumiko Muroga	University
OC24 13:20- 13:40	Selective oxidation of methane catalyzed by supported iron oxide subnanoclusters prepared from a diiron-introduced polyoxometalate precursor	Tomohiro Yabe, Keiju Wachi, Takaaki Suzuki, Kentaro Yonesato, Kosuke Suzuki, Kazuya Yamaguchi	The University of Tokyo
OC25 13:40- 14:00	Selective oxidation of furfural to succinic acid over Lewis acidic Sn- Beta	<u>Yayati Naresh Palai,</u> Abhijit Shrotri, Atsushi Fukuoka	Hokkaido University
OC26 14:00- 14:20	Catalytic transfer hydrogenation of furfural to gamma valerolactone (GVL) over copper phyllosilicate catalysts	Tanyarat Shoosri, Sanchai Kuboon, Tawan Sooknoi, Patcharaporn Weerachawanasak	King Mongkut's Institute of Technology Ladkrabang
OC27 14:20- 14:40	Hydrogenation activity of Cu(I)- based mixed metal oxides	<u>Soichi Kikkawa,</u> Chitomo Nagata, Kiyofumi Nitta, Seiji Yamazoe	Tokyo Metropolitan University
OC28 14:40- 15:00	Ammonia decomposition over Ru/CeO <sub>2</sub> –PrO <sub>x</sub> catalyst under high space velocity conditions for an onsite hydrogen-fueling station	<u>Kiyoshi Yamazaki,</u> Mitsuru Matsumoto, Marie Ishikawa, Akinori Sato	Toyota Central R&D Laboratories
OC29 15:00- 15:20	An in-situ DRIFTS study to probe the effect of Cs counterion of 12- modybdophosphoricacid on the surface species during a selective oxidation of methacrolein to methacrylic acid	<u>Sarayute Chansaia,</u> Yuki Kato, Wataru Ninomiya, Christopher Hardacre	The University Manchester

## **August 1st (Mon) Room C (Japan Standard Time)**

## **Room C** August 1st (Mon) 15:50-18:10

Chair: Ryuji Kikuchi (Hokkaido University)

Soichi Kikkawa (Tokyo Metropolitan University)

	Soichi Kikkawa (Tokyo Metropolitan University)			
No.	Title of Paper	Authors	Affiliation	
OC30 15:50- 16:10	Insight into the effect of CeO <sub>2</sub> morphology on Ru/CeO <sub>2</sub> for H <sub>2</sub> generation from NH <sub>3</sub> decomposition	Thien An Le, Young-Min Kim, Jeong-Rang Kim, Tae-Wan Kim, Su-Un Lee, Quoc-Cuong Do, Geo-Jong Kim, You-Jin Lee, Ho-Jeong Chae	Korea Research Institute of Chemical Technology	
OC31 16:10- 16:30	Invited Mesoporous Pt–MnO <sub>x</sub> –Al <sub>2</sub> O <sub>3</sub> catalyst for dehydrogenation of perhydro benzyltoluenes: Reconstruction of Pt–MnO <sub>x</sub> clusters for activity boosting	Yeongin Jo, <u>Young-Woong Suh</u>	Hanyang University	
OC32 16:30- 16:50	Dehydrogenation of formic acid attained by biomass-derived carbon-supported catalysts	Miriam Navlani-García, Jessica Alejandra Chaparro-Garnica, David Salinas-Torres, Emilia Morallón, Diego Cazorla-Amorós	University of Alicante	
KN-9 16:50- 17:30	Catalysis for the net zero emission challenge	C. Ampelli, <u>G. Centi,</u> S. Perathoner	Università degli Studi di Messinai	
OC33 17:30- 17:50	New catalytic process for more affordable polylactic acid	Guillaume Pomalaza, Bert Lagrain, Bert Sels	KU Leuven	
OC34 17:50- 18:10	Green electrocatalytic oxidation of furfural on gold nanoparticles stabilized in nanostructured carbon obtained by zeolites and mesoporous silica replica	G. Papanikolaou, D. Chillè, P. Squillaci, P. Lanzafame, G. Centi1, S. Perathoner, and M. Migliori, G. Giordano	University of Messina	

## **August 1st (Mon) Room D (Japan Standard Time)**

## Room D August 1st (Mon) 10:20-12:00 (Japan Standard Time)

Chair: Yutaka Amao (Osaka Metropolitan University)

Verma Priyanka (Shizuoka University)

verma Priyanka (Sinzuoka University)			
No.	Title of Paper	Authors	Affiliation
OD18 10:20- 10:40	Ni-Pt thin film catalyst for hydrogen oxidation reaction under alkaline conditions	<u>Junya Ohyama,</u> Hideto Ushijima, Takashi Yamashita, Hiroshi Yoshida, Masato Machida	Kumamoto University
OD19 10:40- 11:00	Invited Electrochemical CO <sub>2</sub> conversion to hydrocarbon and alcohol	Ryuji Kikuchi, Naoya Fujiwara, Shohei Tada	Hokkaido University
OD20 11:00- 11:20	Design and synthesis of ordered carbonaceous frameworks from metalloporphyrins for electrocatalytic application	<u>Takeharu Yoshii,</u> Koki Chida, Hirotomo Nishihara	Tohoku University
OD21 11:20- 11:40	Invited  Synthesis of liquid fuel from CO <sub>2</sub> and H <sub>2</sub> via FT synthesis method	Shigeo Satokawa	Seikei University
OD22 11:40- 12:00	Effect of the in situ addition of chromate ions on $H_2$ evolution during the photocatalytic conversion of $CO_2$ using $H_2O$ as the electron donor	Xuanwen Xu, Hiroyuki Asakura, Saburo Hosokawa, Tsunehiro Tanaka, Kentaro Teramura	Kyoto University

## August 1st (Mon) Room D (Japan Standard Time)

## **Special Session of Applied Catalysis B**

Session Coordinator: Hiromi Yamashita (Osaka University)

13:0013:10
Opening of Session
In-Sik Nam (Pohang University of Science and Technology)
Natalia Lee (Elsevier)

#### **Room D** August 1st (Mon) 13:10-15:15

Chair: Hexing Li (Shanghai Normal University)

Taicheng An (Guangdong University of Technology)

Hiromi Yamashita (Osaka University)

No.	Title of Paper	Authors	Affiliation
SIL-1 13:10- 13:35	Catalyst advances for highly performing and durable anion exchange membrane fuel cells	William E. Mustain, Horie Adabi, Abolfazl Shakouri, Andrea Zitolo, Tristan Asset, Frédéric Jaouen, Christopher Williams, John R. Regalbuto	University of South Carolina
SIL-2 13:35- 14:00	Challenges of photocatalysis and their coping strategies	Zhenfeng Bian, Dieqing Zhang, Guisheng Li, Yuning Huo, <u>Hexing Li</u>	Shanghai Normal University
SIL-3 14:00- 14:25	Photocatalytic self-Fenton high-throughput mineralization of organic pollutants in water	Yongfa Zhu	Tsinghua University
SIL-4 14:25- 14:50	Heterogenous reaction mechanism of typical VOCs for SOA formation and implication for VOCs catalytic abatement	Taicheng An, Hongli Liu, Meicheng Wen, Weiping Zhang, Weina Zhang, Jiejing Kong	Guangdong University of Technology
SIL-5 14:50- 15:15	Nanocatalyst engineering for CO <sub>2</sub> hydrogenation to formic acid as a promising hydrogen storage material	<u>Kohsuke Mori,</u> Hiromi Yamashita	Osaka University

## **August 1st (Mon) Room D (Japan Standard Time)**

#### August 1st (Mon) 15:50-18:05 Room D

Chair: Yongfa Zhu (Tsinghua University)

Hiromi Yamashita (Osaka University)				
No.	Title of Paper	Authors	Affiliation	
SIL-6 15:50- 16:15	Scale-up and demonstration of photocatalytic nanofiltration reactor for water purification and reuse	Polycarpos Falaras, George Em. Romanos	Institute of Nanoscience and Nanotechnology	
SIL-7 16:15- 16:40	CO <sub>2</sub> reduction to fuels by water driven by photocatalysis	Junwang Tang	University College London	
SIL-8 16:40- 17:05	Novel multifunctional microbial photo-electro- catalytic systems for conversion of inorganic carbon to acetate using semiconductor z- scheme heterojunctions	<u>Gianluca Li Puma,</u> Liping Huang	Loughborough University	
SIL-9 17:05- 17:30	Modifications of porous Ti-based photocatalysts and applied in CO <sub>2</sub> photocatalytic reduction	Jinlong Zhang	East China University of Science and Technology	
SIL-10 17:30- 17:55	Design and preparation of efficient heterogeneous catalysts for full oxidation of HCHO: from Pt-based to Ag-based catalysts	Xiangju Meng, <u>Feng-Shou Xiao</u>	Zhejiang University	
17:55- 18:05	Closing of Session  Xenophon Verykios (University of Patras)			

#### **Program of ICEC2022 (Japan Standard Time)** August 2nd (Tue) July 30th (Sat) July 31st (Sun) August 1st (Mon) Room C **Room A Room A** Room D Room C Room D Room A Room D Room B Room A Room C Room B Room B 8:00 Registration Registration Registration 9:00 PL-2 PL-3 PL-4 Christopher **Hirohito** Junhua Li W. Jones Hirata 10:00 **Break Break Break** KN-10 **OB01 OC01** OD01 **OA16 OC18** OD18 **OB33 OC35** OD23 KN-6 KN-1 **Jingguang Hong He** Do Heui Kim **OC19** OD19 **OB02 OC02** OD02 **OA17 OB34 OC36** OD24 Chen 11:00 **OB03** OD03 **OB18** OC20 OD20 **OB35 OC37** OD25 **OA01** OC03 **OA18 OA33** KN-2 KN-11 OC04 **OC21 OA02** OD04 OB19 OD21 **OA34 OB36 OC38 OA19** Todd J. **Atsushi** OD05 OD22 **OA03 OC05 OA20 OB20** OC22 **OA35 OB37** OC39 Toops Urakawa 12:00 Lunch Lunch Lunch **Special Session** 13:00 Opening KN-7 KN-3 **OB04 OC06** OD06 **OB21 OC23 OA36 OC40** OD26 KN-12 **Michael** Masaru SIL-01 Jiaguo Yu **OC24** OC41 **OB05 OC07 OD07 OA37** OD27 **OB22** Stockenhuber **Ogura** SIL-02 **OB06** OC08 OD08 **OB23** OC25 **OA38 OB38 OC42** OD28 **OA04 OA21** 14:00 **KN-13 OA05 OB07** OC09 OD09 **OA22 OB24** OC26 **OB39 OC43** OD29 SIL-03 Wonyong **OA06 OB08** OD10 **OB25 OC27 OC44** OD30 **OC10 OA23 OB40** Choi SIL-04 KN-8 **OA07 OB09** OD11 **OA24** OC28 **OA39** OB41 **OC45** KN-4 **KN-14** Kevin C. W. Registration SIL-05 15:00 Yongdan Li Ning Yan OB10 **OD12 OA25** OC29 **OA40 OB42 OC46 OA08** Wu **Break Break Break** KN-15 **OA09 OB11** OC11 OD13 **OA26 OB26 OC30 OA41 OB43 OD31** SIL-06 16:00 Anne Giroir-**Opening** OB44 OA10 OB12 **OC12** OD14 **OA27 OB27 OC31 OA42** OD32 Fendler **SIL-07** OA11 **OB13 OC13** OD15 **OA28 OB28 OC32 OA43 OB45 OC47** OD33 PL-1 SIL-08 KN-9 KN-16 Christopher **OA12 OB14 OC14 OA29 OB29 OB46 OC48 OD34** KN-5 17:00 Gabriele Jan-Dierk Hardacre **Stefan Marx** SIL-09 **OA13** OB15 **OC15 OA30 OB30 OB47 OC49 OD35** Centi Grunwaldt **OA14** OB16 **OC16** OD16 **OA31 OB31 OC33 OA44 OB48** OC50 OD36 SIL-10 **OC17 OD17 OB32 OC34** OB49 **OC51 OD37 OA15 OB17 OA32 OA45** Closing 18:00 **Break Break Break Short** Short Closing Presentation time including Q&A (min) Presentation resentation Poster 60 **Poster** Poster Poster 19:00 Keynote 40 P131 - P175 P01 - P40 P41 - P83 P84 - P130 25 20 20 Poster (Room P-2) (Room P-1) (Room P-2) Invited (Room P-1) (Room A) (Room A) Oral 90 Poster n-person only n-person only **Short Presentation**