

Program for 1st Joint Students Seminar

Tuesday, Oct. 27st, 2015

9:00~22:00

Check-in (Guizhou Hotel and BUCT Hotel)

Wednesday, Oct. 28st, 2015

9:00~9:20

Opening Ceremony (Multifunctional Hall)

Prof. Zhilin Li

Prof. Wangtai Yang

Oral talk 1 (15+5 min) Session Chair: Prof. Jingjun Liu

9:20~9:40

(No. N-1)

Razavi Hadi (Post-doctor, NIT)

Synthesis and characterization of silica hollow particles for LEDs

9:40~10:00

(No. B-1)

Haijing Liu (Post-doctor, BUCT)

Ordered intermetallic PtFe@Pt core-shell nanoparticles supported on carbon nanotubes with superior activity and durability as oxygen reduction reaction electrocatalysts

10:00~10:30 Tea Break & Take Photos

Oral talk 2 (15+5 min) Session Chair: Dr. Suthabanditpong Walaiporn

10:30~10:50

(No. B-2)

Zhengping Zhang (Ph. D., BUCT)

Bimetallic nitrogen-doped graphene-like carbon derived from iron and cobalt phthalocyanine-based conjugated polymer networks for oxygen reduction

10:50~11:10

(No. N-2)

Wanghui Chen (Ph. D., NIT)

A new insight on SiO₂@TiO₂ particles: an effective, stable and economic catalyst for the photo-degradation of organics

11:10~11:30

(No. B-3)

Junting Sun (Ph. D., BUCT)

Adsorption of Cr(VI) in aqueous solution by hierarchical porous carbon prepared from silk cocoon

11:30~14:00 Lunch (Dining Hall)

Oral talk 3 (15+5 min) Session Chair: Dr. Zhengping Zhang

14:00~14:20

(No. B-4)

Meng Liu (Ph. D., BUCT)

Preparation and characterization of indium sulfide/antimony sulfide nanocrystal thin film solar energy cells

14:20~14:40

(No. N-3)

Suthabanditpong (Ph. D., NIT)

Studies on optical properties of UV-cured polyacrylic films modified by silica nanoparticles

14:40~15:00

(No. B-5)

Aiyue Tang (Ph. D., BUCT)

Targeted off-stoichiometry Cu₂ZnSnS₄ semiconductor for thin film solar cells

15:00~15:20

(No. N-4)

Guo Chen (Ph. D., NIT)

Dielectric properties of BaTiO₃/silicon composites and its application

15:20~15:40

Tea Break

Oral talk 4 (15+5 min) Session Chair: Dr. Razavi Hadi

15:40~16:00 Duangpeng He (Master, BUCT)
(No. B-6) Hierarchical porous carbon derived from cattle bone and its electrochemical performance

16:00~16:20 Ikeuchi Hiromichi, Lee Jeongbin, Noda Hirotaka (Master, NIT)
(No. N-5) The surface activity of silicon based inorganic materials and its application

16:20~16:40 Jin Niu (Ph. D., BUCT)
(No. B-7) Direct amination of Si nanoparticles for the preparation of Si @ ultrathin SiO_x @ graphene as high-energy lithium-ion batteries anodes

16:40~17:00 Peng Bo (Ph. D., NIT)
(No. N-6) Fabrication of nanoparticle functional network membrane by micro-phase separation process

17:00~19:00 Dining (Dining Hall)

Thursday, Oct. 29st, 2015

Oral talk 5 (15+5 min) Session Chair: Dr. Aiyue Tang

9:00~9:20 Yige Zhao (Ph. D., BUCT)
(No. B-8) Pt-Co secondary solid solution nanocrystals supported on carbon as next-generation catalysts for oxygen reduction reaction

9:20~9:40 Nakashima Yuki, Andoh Masafumi, Noritake Masashi (Master, NIT)
(No. N-7) Synthesis of silica hollow particles by polyacrylic acid

9:40~10:00 Zhongjie Qian (Master, BUCT)
(No. B-9) Effect of carbon substrates on the oxygen reduction activity and stability of Co-N-C catalysts

10:00~11:30 Laboratory tour

11:30~14:00 Lunch (Dining Hall)

Oral talk 6 (15+5 min)**Session Chair: Dr. Wanghui Chen**

14:00~14:20 Hanyu Li (Ph. D., BUCT)
(No. B-10) Iron-nitrogen-doped hierarchical porous carbon derived from pig bones for efficient oxygen reduction reaction

14:20~14:40 Kato Kunihiko, Oguro Chiharu, Akagi Takuma (Master, NIT)
(No. N-8) The activation of a waste material by mechanochemical treatment and the characterization

14:40~15:00 Min Liu (Ph. D., BUCT)
(No. B-11) Carbon supported cobalt oxides and cobaltbased materials as an excellent catalyst for oxygen reduction reaction

15:00~16:50 Poster presentation & Tea Break

16:50~17:00 Awards Ceremony for Best Presentation (Multifunctional Hall)
Prof. Feng Wang

17:00~19:00 Dining (Dining Hall)

Friday, Oct. 30th, 2015

10:00~17:00 Visit the New Campus of BUCT in ChangPing District, Beijing