日本学術振興会炭素材料第 117 委員会特別講演会

The 2nd Japanese-German Symposium on Carbon Materials

September 21, 2010

AIST Tokyo Waterfront

2-4-7 Aomi, Koutou-ku, Tokyo, TEL:03-3599-8001

8:50-9:00 Opening remarks

T. Terai

(The Univ. of Tokyo, Chairman of JSPS 117 comittee of carbon materials)

9:00~12:00 Invited presentations (including 5-10min Q&A)

9:00 Carbon Fiber from Micro to Nano

E. Yasuda (Tokyo Institute of Technology)

9:45 Modelling of non-baking coal pyrolysis in a screw reactor for ULCOS project

W .Klose (University of Kassel)

10:30 Focusing on the commercial aspect of Carbon

N. Murofushi (Tokai Carbon Co., Ltd.)

11:15 Carbon Fiber & Composite Material Landscape Germany

W. Frohs (SGL Carbon GmbH)

12:00~13:30 Lunch

13:30~14:50 Oral presentations(1) (including 5min Q&A)

13:30 Carbon Dispersions

W. Handl (H.C.Carbon GmbH)

13:50 Electric Double Layer Capacitor Performance of NO-treated Activated Carbons

S. Shiraishi (Gunma University)

14:10 Coke selection criteria for abrasion resistant graphitized cathodes

R. Perruchoud (R&D Carbon Ltd.)

14:30 Structural Changes of the Stabilized Polyacrylonitrile Fiber in the Carbon Fiber

K. Sumiya (Mitsubishi Rayon Co.,Ltd.)

14:50~15:20 Coffee Break

15:20~16:40 Oral presentations (2) (including 5min Q&A)

15:20 The carbide-derived carbon method: Possibilities toward hierarchically structured carbons via manipulating carbides and carbons
B. Etzold (University of Erlangen-Nürnberg)

15:40 Local structure analysis of carbon black and rubber by synchrotron radiation
T. Akahane (Tokai Carbon Co., Ltd.)

16:00 Size-dependent inclusion of organic molecules into pillared carbons
Y. Matsuo (University of Hyogo)

16:20 (Title pending)
D. Su (Fritz-Haber Insitute (Max Planck Society), Berlin)

17:00~19:00 Poster session (with drinks and snacks)

Poster titles and presenters

(1) Electrochemical Quartz Crystal Microbalance Analysis of Activated Carbon Nanofiber Electrode for Electric Double Layer Capacitor
S.Yamaguchi (Gunma University)

(2) Novel Carbon Paper Prepared from Japanese Paper, Washi, for Electrodes of a Fuel Cell
M. Kyotani (TIMS, University of Tsukuba)

(3) Graphitization behavior of cellulose-based carbon nanofibers
M. Ohoyama (Tokyo City University)

(4) Evaluation of High Temperature Resistance of Various Graphite Blocks
N. Iwashita (AIST)

(5) Carbon-based nanocomposites for electrode applications
H. Nishihara (Tohoku University)

(6) Pyrocarbon coating on non-graphitizing carbon fiber by pressure-pulsed chemical vapor infiltration and its anode properties for lithium-ion battery
Y. Ozawa (Aichi Institute of Technology)

(7) Carbon Materials for Biomedical Purpose
H. Kaneko (Tsukuba materials information Lab. Ltd.)

(8) A Study of Properties of Ion Removal in Dilute Solutions Using Mesoporous Carbon Electrodes
M. Hamada (Kansai University)

(9)Production of Carbon Nanofibers from Renewable Sources Using the Liquid Pulse Injection Technique
R. Furukawa (Hokkaido University)

(10)The Fabrication of Binder-free Carbon Gel Disks and their Application to Electric Double Layer Capacitors Using Non-aqueous Electrolytes
Y. Miura (Hokkaido University)

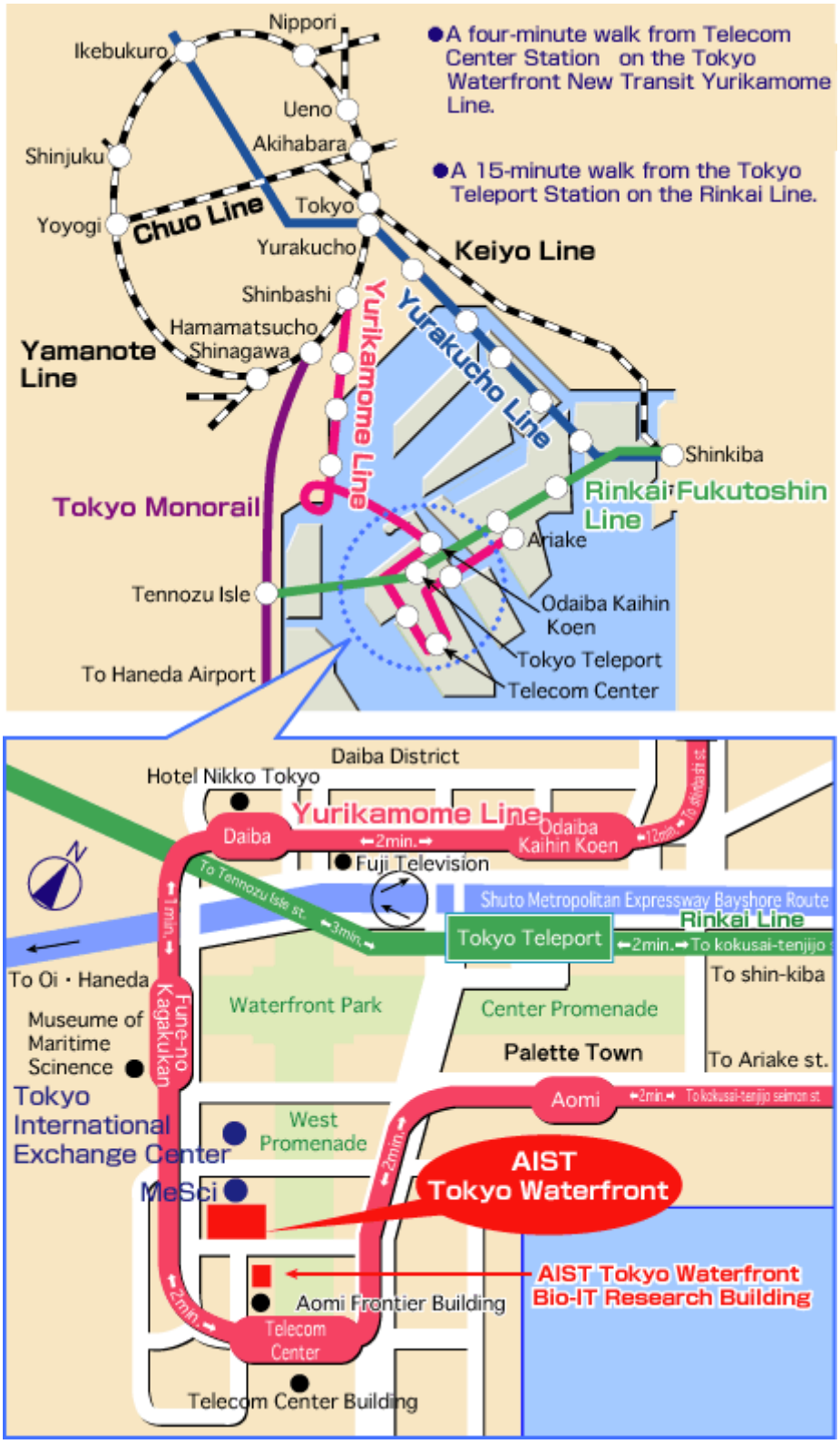
(11) Intercalation of Sodium into Graphite-like Layered Material of Composition BC_2N
A. Kurasaki (Osaka Electro-Communication University)

(12) Carbon deposition behavior and gasification activity of a Ni-Mg/Al_2O_3
N.Takahashi (Gunma University)

(13) Relation between structure and electrochemical oxygen reduction activity of carbons derived from nanocarbon doped naphthalene pitch
N. Kannari (Gunma University)

(14) Influence of purification of nanoshell carbon on their electrochemical activity for oxygen reduction reaction
Y. Nakamura (Gunma University)

(15)High-Voltage Charging Behavior of KOH-Activated Graphitizable Carbon for Electric Double Layer Capacitor
K. Sunaga (Gunma University)


●A four-minute walk from Telecom Center Station on the Tokyo Waterfront New Transit Yurikamome Line.
●A 15-minute walk from the Tokyo Teleport Station on the Rinkai Line.
Nippori
Ikebukuro
Ueno
Akihabara
Shinjuku
Yoyogi
Chuo Line
Tokyo
Yurakucho
Keiyo Line
Shinbashi
Yurikamome Line
Yurakucho Line
Hamamatsucho
Shinagawa
Yamanote Line
Shinkiba
Tokyo Monorail
Rinkai Fukutoshin Line
Ariake
Tennozu Isle
Odaiba Kaihin Koen
Tokyo Teleport
Telecom Center
To Haneda Airport
Daiba District
Hotel Nikko Tokyo
Yurikamome Line
Daiba
2min.
Odaiba Kaihin Koen
12min.
To shibaura st.
Fuji Television
To Tennozu Isle st.
3min.
1min.
Shuto Metropolitan Expressway Bayshore Route
Rinkai Line
Tokyo Teleport
2min.
To kokusai-tenjijo
To shin-kiba
To Oi・Haneda
Waterfront Park
Center Promenade
Palette Town
To Ariake st.
Museume of Maritime Scinence
Funa-no Kagakukan
Aomi
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To kokusai-tenjijo seimon st.
Tokyo International Exchange Center
West Promenade
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Telecom Center
Telecom Center Building