



2010 International Chemical Congress of Pacific Basin Societies

December 15 - 20, 2010 * * * Honolulu, Hawaii, USA

会議名称	2010 環太平洋国際化学会議
会期	2010年(平成22年)12月15日(水)～20日(月)
場所	ハワイコンベンションセンターおよびシェラトンワイキキ、ヒルトンハワイアンビレッジ、他ワイキキ周辺ホテル
目的	環太平洋化学会に属する科学者および技術者の間で化学に関する情報の伝達交流を促進するため、これら科学者および技術者が一堂に会して、化学および工業化学の分野における最新の研究成果を発表討議する場として本国際会議を開催し、これら諸国の学術ならびに工業の発展と国民の福祉に資することを目的とする。
スケジュール	12/14 午後 登録受付開始 12/15～12/20 会議《各ホテル会場》最終日は午前 12/15 18時30分～開会式(シェラトンワイキキ) 19時～基調講演 Dr. Paul Corkum (Univ. of Ottawa) 20時～開会ミキサー 12/16 12時～14時 ポスター賞選考《事前選考通過者》 12/19 昼 ポスター賞表彰式《受賞者および関係者以外は参加不可》 12/16～12/19 展示会(ヒルトンハワイアンビレッジ) *会期中にもう一件基調講演の開催が予定されています。 (ハワイコンベンションセンター) 詳細未定
主催	日本化学会、アメリカ化学会、カナダ化学会、オーストラリア化学会、ニュージーランド化学会、韓国化学会、中国化学会

・本会議ホームページアドレスは下記よりご覧下さい。

<http://www.pacificchem.org/general/>

★ The program schedule of Pacifichem 2010 Technical sessions ★

ID#	Presenting Author	Title (click to view the presentation)	Session Type	Session Title	Presentation Date / Time	Location
A. Oku		Proposal of smaller-life-style assessment (SLSA) to the plastic life cycle	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 7:30 AM	319B (Convention Center)
M. Sarker		New Alternative Vehicle Fuels from Abundant Solid Waste Plastics	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 7:55 AM	319B (Convention Center)
G. Grause		Removal of bromine containing compounds from flame retarded high impact polystyrene	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 8:10 AM	319B (Convention Center)
A. Kamimura		Use of supercritical alcohol for effective plastic chemical recycling	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 8:25 AM	319B (Convention Center)
S. Fukushima		Recovery of metals using PVC as a chlorination agent	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 8:50 AM	319B (Convention Center)
Q. Zhou		Fuel oil from polymers of waste electric and electronic equipments	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 9:05 AM	319B (Convention Center)
T. Sako		Production of clean and high-calory powdery fuel from mixture of waste plastics and garbage using subcritical water	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 9:30 AM	319B (Convention Center)
Z. Zou		Liquefaction of printed circuit board by using waste biomass	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and	Sat, Dec 18 9:55 AM	319B (Convention Center)

	derived tar		Perspectives (#86) [1A]		Center)
J. M. Van Kasteren	Pyrolysis of polyolefins using modified fly ash	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 10:10 AM	319B (Convention Center)
S. Chung	Pyrolysis characteristics of oil shale with waste plastics	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 10:35 AM	319B (Convention Center)
H. Tani	Producing Naphtha from Mixed Waste Plastic	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 11:00 AM	319B (Convention Center)
Z. Hlaing	Examination of Small-Size Liquefaction Plant for Waste Mixed Plastics	Oral - AM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [1A]	Sat, Dec 18 11:15 AM	319B (Convention Center)
M. Goto	Supercritical fluid technology for feedstock recycling of waste plastics	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 12:30 PM	319B (Convention Center)
T. Okuda	Separation of chlorinated plastic film by thermal fusion bonding	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 1:00 PM	319B (Convention Center)
T. Yamawaki	Development of highly efficient recycling technology for multilayer films	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 1:15 PM	319B (Convention Center)
T. Kamo	Steam gasification of plastics in end-of-life electronic equipments in the presence of various carbonates	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 1:30 PM	319B (Convention Center)
D. Parajuli	Electron beam initiated graft modification of cotton and preparation of high performance metal adsorbent	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 2:00 PM	319B (Convention Center)
S. Kumagai	Improvement of the benzene yield from the pyrolysis of terephthalic acid using CaO	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 2:15 PM	319B (Convention Center)
H. Tagaya	Recycling of electronic devices composed of thermosetting resin and inorganic compounds in high-temperature water	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 2:30 PM	319B (Convention Center)
Y. Tsuchiya	Structure and thermolysis behavior of poly(vinyl chloride) samples prepared by various polymerization methods	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 3:00 PM	319B (Convention Center)

N. Kusakawa	The current status and issues of the plastic recycling in Japan curee	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 3:15 PM	319B (Convention Center)
Y. Sekine	Emission behavior of chlorine compounds on pyrolysis, gasification or combustion of poly(chloro ethanedivl)	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 3:30 PM	319B (Convention Center)
A. Tsuchida	High performance recycling system for shredded plastics based on high-speed Raman spectroscopy identification	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 4:00 PM	319B (Convention Center)
W. M. Stalick	Portable pyrolysis reactor for clean recycling of large off road tires and other material	Oral - PM	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [2P]	Sat, Dec 18 4:15 PM	319B (Convention Center)
B. Thallada	Sustainable biofuels and chemicals from lignocellulosic Biomass	Oral - Eve	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [3E]	Sat, Dec 18 7:00 PM	319B (Convention Center)
O. Terakado	Explosive decomposition of lignocellulose in pyrolysis of wood – metal salt mixture at relatively low temperature	Oral - Eve	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [3E]	Sat, Dec 18 7:30 PM	319B (Convention Center)
R. Katakai	Deoiled seed cakes of Pongamia glabra and Mesua ferrea as a potential feed-stocks for thermochemical conversion	Oral - Eve	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [3E]	Sat, Dec 18 7:45 PM	319B (Convention Center)
M. Yamamoto	Restoration of seaweed beds by supplying iron-humates from steel slag and humus materials	Oral - Eve	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [3E]	Sat, Dec 18 8:00 PM	319B (Convention Center)
M. Igarashi	The effect of the pH on the hydrogen production from lactic acid by anaerobic fermentation	Oral - Eve	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [3E]	Sat, Dec 18 8:30 PM	319B (Convention Center)
H. Park	Feasibility Study for Commercialization of Waste Tire Pyrolysis Plant with Disk Moving Tube Reactor System	Oral - Eve	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [3E]	Sat, Dec 18 8:45 PM	319B (Convention Center)
Y. Kodera	Fuel-gas production for asbestos treatment through coprocessing with waste plastics	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
A. Fujita	Depolymerization of cellulose in supercritical MeOH	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
			Recycling of Polymeric Waste		Kamehameha

T. Tsuji	The recovery of bisphenol A from polycarbonate by steam hydrolysis using a fluidized bed	Poster	Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Halls II and III (Convention Center)
Y. Seo	Studies on gasification characteristics of urethane/styrofoam wastes generated from electric home appliances	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
W. Zeng	Nitrogen removal via nitrite from municipal wastewater using a continuous anaerobic-anoxic-aerobic (A²O) process at normal temperatures	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
J. Inagaki	Removal of oligomers from poly(ethylene terephthalate) materials with hydrothermal extraction treatment	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
W. Shuying	Effect of chemical pretreatment on municipal waste sludge hydrolysis and acidification in a pilot upflow anaerobic fermentation reactor	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
K. Nasu	Recycling of carbon fibers from carbon fiber reinforced plastics through solvothermal process	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
T. Sugeno	Treatment of phenol resin foam powder and prepolymer in high-temperature fluids	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
K. Ishikawa	Development of New Technology for Crushing Biomass	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
T. Sugeno	Recovery of organic chemicals and inorganic materials by the treatment of plastic-inorganic composites in high-temperature water	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
Y. Matsuo	Mechanism of Polycarbonate hydrolysis in High Pressure High Temperature Steam	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
S. Suzuki	Study on the recycling technology of waste polycarbonate	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
I. Okajima	Chemical recycling of carbon fiber reinforced plastic with sub- or supercritical fluids	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)
K. Hirota	Study on the recovery of precious metals using amine derivatives of cotton	Poster	Recycling of Polymeric Waste Materials: Challenges and Perspectives (#86) [PS]	Sun, Dec 19 10:00 AM	Kamehameha Halls II and III (Convention Center)