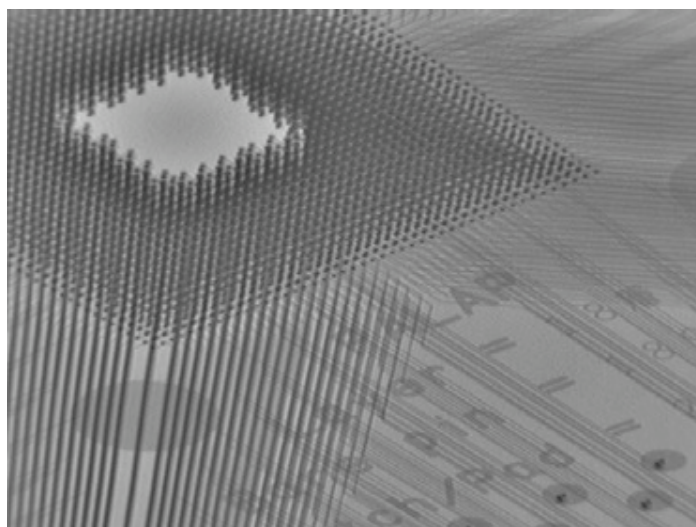
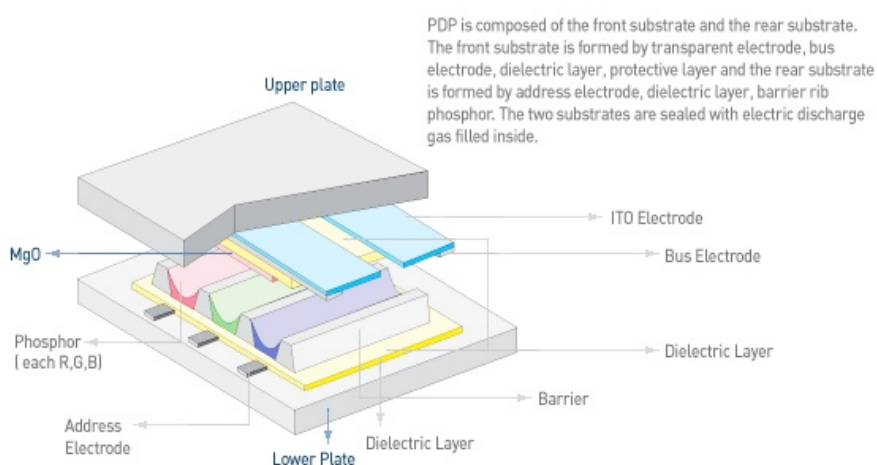


SPE Japan Section had 10 times of Steering committee to execute various events and announcement, in addition, communication with SPE HQ. Especially, we discussed to protect membership decreasing due to world financial depress.

2008.08.20	No.09 Steering Committee	Planning of RETEC08
2008.09.17	No.10 Steering Committee	Newsletter/Planning of after October
2008.10.16	No.11 Steering Committee	Publishing、 Confirm of the planning of December
2008.11.18	No.12 Steering Committee	Planning of membership
2008.12.17	No.13 Steering Committee	Planning of 0906
2009.01.21	No.14 Steering Committee	Confirmation of planning 0902,0904,0906
2009.02.18	No.15 Steering Committee	Discussion for Asia conference with Sakai
2009.03.17	No.16 Steering Committee	Current situation with Nagai
2009.04.24	No.17 Steering Committee	HQ with International meeting by Internet
2009.05.20	No.18 Steering Committee	Planning of 2009 events

from seminar materials





# 2009 NEWSLETTER SPE Japan section

Publisher : SPEJapan Section Plastics Age INC. Okouchi Build.5Fl. Kajicho1-10-6, Chiyodaku, Tokyo

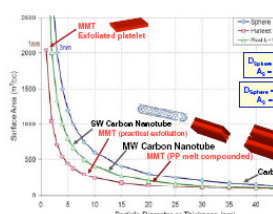
## CONTENT

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2. Section Chair Greeting  
Board of Director
3. 2008 Seminar
4. Nano Composites  
ASIATEC 2011
5. Membership  
Financil report
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Enforce main execution items in 2008 , the regular board of directors, general meeting and 10 times of Steering committee ( including a next fiscal year event committee ). Practice and an officer's change were done through the regular board of directors, the general meeting and the steering committee as to the business execution, the settlement. The director retirement of Mr. Ishibashi. Installation as a director of Mr. Baba. Mr.Tashiro, director, took turns with the secretary of Mr.Tomari, director, as a change of the burden sharing. And, We asked for the public information which meeting announcement of the main event by Plastics Age of Mr. Asayama director. Furthermore, Mr.Womer visited Japan, and we evaded argument about the mind-set of Asia Conference and so on from the headquarters as to the activities in recent Japan. It has the influence of the world financial depression after October, 2008, too, and it can be said that it did its best well even if it is compared with the conditions of the headquarters though income and costs were severe considering the efforts.



Well, Japan section had the seminar of 7 times in 2008 years. Still, public information didn't go well, and a participant was a minority. The introduction seminar of ANTEC2008 could be carried out in the SPE Japan section by ourselves. The meaning of that was deep when connection with the SPE American headquarters was thought. An audience to this seminar will be increased from now on, and it will want to use it for a help which the activities of the Japanese plastic business are shown to the world . A seminar on Appliance carried out two times of 2008/8 and 2009/6. The theme of the LSI and FDP doesn't seem to reach it to the place still to get consent in the business world though it is a big theme. A rivalry is strict, too, and a event form like joint auspices of other groups may be necessary for this field. Though a package field was taken up, RETEC2008's were terrible conditions with 22 people in 2 days. We couldn't increase participants though we intended the cooperation of the Japan Package academic society. A participation fee is expensive with 10,000 yen in this seminar. It was the timing as the beginning of the finance crisis. It ended in result which reflection was wished to in the various meaning as a result. We want participants increased a little more though the seminar of Osaka was about the plating. We had the joint seminar of Nano composites in the same way of last year in Feruray 2009. We got much consent this time, and got about forty participant, too, and very successful. It seems that contents became the contents which can often get consent under the joint auspices from two groups, an instructor though they were so, too. Furthermore, Composites for Auto was carried out in April. It had 36 participation on this seminar as well this time though it was a thing following last year. The project which was proper for the height of the concern, the instructor's choice of a suitable person, and so on was made to realize that it succeeded during the change in the U.S. automobile industry.





## Greeting 2009



Section Chair  
Mr. Shinichi Izawa

The plastic increased tendency of the quantity consumed is still going on even the present day of the 21st century in the worldwide. But, quantitative expansion is not advanced application spreads out, and the important mission to keep delivering convenience to the life improvement in the plastic which wraps safety, relief to the people of the developing country widely is a main factor. Compare it with your using other material in the civilization life fulfillment life advance support side of the new plastic use, and it is certain that priority is big. However, the development to cleave a really new highly advanced use application field decreases. The appearance of the large new plastic material ended in the 1960's. Usual material was connected with the petrochemistry of the raw material, and the quantitative expansion was continued. The important role of the plastic engineer (PE) in the latter half of twenty centuries, added a new function to the plastic material and it was to find the new application added to the method used so far. Their role was to produce new industry more based on the high value-added and new material creation by compounding and so on and them, too. These brought great convenience to mankind, and it got the residence environment which many people were excellent in, and learned to enjoy rich life. This is being moved to the developing country at present. A plastic was born from the composition polymer, and 100 years were reached, and the 2nd century began. Conversion toward the next innovation is asked here. Raw material and

application, management after treatment, the new ways which are not on the extension of the 20th century. Competition to find the above items is happening between Plastics Engineer's. To protect it that the people's daily life environment is kept and support many people's healthy old age. It is the subject being given to what creates the function place of the plastic which occupies a big role by a plastic engineer now. It notices this reform term, and thinks about the countermeasure that it went ahead, and the character which a plastic is excellent in is created, and the competition to have the initiative of technological progress is proceeding. The grope which is eager even for the headquarters follows the role of SPE in the reform of the world like this, and thinks that it is when Japan proposes candlepower to the future from Asia. It has boundary area which it can make use of the nature which is characteristic of the plastic for very widely. I want to grapple with project, plan, practice as a SPE Japanese branch to watch these and which extends the width of the activities and to go with everyone. May I ask for the above participation and activity until this of various member in 2009 as well?

## SPE Board of Directors

Role	Name	Organization	Sterring
President	Shinichi Izawa	Tokyo Inst. of Technology	○
Secretary	Masahide Tashiro	MSA Institute	○
Councilor	Hiroshi Itoh	Yamagata University	○
Treasurer	Naohisa Oida	Sumitomo Bakelite Co	○
Publisher	Motohiro Asayama	Plastics Age Co.	○
Director,	Tutomu Nagaoka	Kobe Steel Co.,	○
Director,	Kouichirou Maeda	Nippon Zeon Co.,	○
Director,	Toshitaka Kanai	Idemitsu Industries Co	
Director,	Kiyotaka Tomari	Osaka Municipal Tech. Res. Inst.	
Director	Tadahiko Katsura	Hoso Kagaku Kenkyusho	
Director	Masao Sumita	Tokyo Inst. of Technology	
Director	Toshihiko Harada	Pla Techno Research	
Director	Kiyoo Katou	Asahi Chem. Industry Co.	
Director	Akemi Kobayashi	Toshiba Machine Co.	
Director	Baba Fumiaki	Mitsubishi Electric Co.,	
Auditor	Kazuhiko.Ogino	Ogino Engineering Office	
ADVISER	N.TAKASHIMA	(Past President 76~80)	
ADVISER	S.NAGAI	(Past President 87~88)	
ADVISER	K.CHUJO	(Vice President 93~98)	



Oida Itoh Nagaoka Maeda Tomari  
Harada Tashiro Izawa Nagai  
(Titles omitted)



## Member List 2008

## Financial Report 2008

No	Name	Company
1	Motohiro Asayama	Plastics Age Co.,
2	Toru Arai	Denki Kagaku Kogyo Co.,
3	Hiroshi Ikeda	Furukawa Electric Co.,
4	Shinichi Izawa	Tokyo Institute of Technology
5	Msaya Ishikawa	
6	Hiroshi Itoh	Yamagata University
7	Kunio Iwasaki	Teijin Kasei Co.,
8	Naohisa Oida	Sumitomo Bakelite Co.,
9	Kazuhiko Ogino	Ogino Engineer Office
10	Tadahiko Katsura	Hoso Kagaku Kenkyusho
11	Kiyoo Kato	Asahi Chemical Co.,
12	Toshitaka Kanai	Idemitsu Kosan Co.,
13	Masaya Kurokawa	Starlite Co.,
14	Koichirou Kurachi	Ube Kosan Co.,
15	Yasushi Kosaka	Mitsubishi Gas Chemical Co.,
16	Koji Kobayashi	Toyobo Co.,
17	Masaaki Sasaki	Sekisui Plastics Co.,
18	Masao Sumita	Tokyo Institute of Technology
19	Naoichi Takashima	Takashima Engineer office
20	Toru Takahashi	A-in Co.,
21	Masahide Tashiro	M S A I
22	Nobuyuki Tsujiwaki	Sekisui Plastics Co.,
23	Shigeo Tsuyama	JAICI
24	Kiyotaka Tomari	Osaka Municipal Tech. Res. Inst
25	Ritsuji Toyotate	Nippon A & L INC.
26	Susumu Nagai	Techno Search
27	KTakeshi Nagaoka	KOBELCO Co.,
28	Kazuya Nagata	Asahi Chemical Co.,
29	Keiichi Nosaka	Daiei Co.,
30	Fumiaki Baba	Mitsubishi Electric Co.,
31	Toshihiko Harada	Starlite Co.,
32	Takaaki Hirai	Sekisui Plastics Co.,
33	Mikio Fukumura	
34	Hiroaki Furukawa	Plus Tech Co.,
35	Koichirou Maeda	Nippon Zeon Co.,
36	Yukio Yasunori	Sumitomo Chemical Co.,
37	Yuzou Yoshikawa	Sekisui Machinery Co.,

Input		Output	
subject	¥	subject	¥
Member fee for HQ	68,000	Member fee for HQ	290,434
Member fee for Section	463,685	Member fee for Section	57,061
Member fee for Section (	490,000		
Member fee for Section	60,000		
Rebate	73,954		
Meeting Fee	383,411	Meeting expense	573,033
RETEC	170,000	RETEC	219,630
Magazine & Materials	354,200	Magazine & Materials	306,809
Interesting	1,906	Communication	103,633
		Advertisement	300,000
		materials	21,758
		office	21,600
		miscellaneous	22,230
Total	2,065,156	Total	1,916,188
		Revenue at June 31,2009	148,968
Previous Term	15,188	The next Term	164,156

Membership at 2009.6.30

SPE HQ 15940

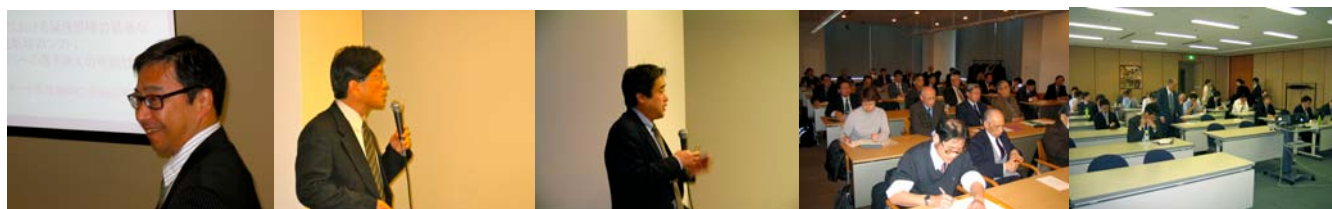
Japan Section 82

## Editing postscript

The series of financial recession originated in the failure of Lehman Brothers in the last October shows the biggest result to say the automaker of the U.S. maximum, the bankruptcy of General Motors, and leaves a big scar for the economic development of the world, and still each country of the world suffers from the scar. The various participants of the seminar are restricted by the reduction of the travel expense and so on at us and the SPE Japan section, and it is afraid of the renewal of the dues as well. But, it is a chance to grapple with the reform of the development of the new items for market which made technology and the social system at such time by a way to think about! It is when it hopes for more challenge mind.

Masahide Tashiro





Technical seminar in 2008

2009.06.12	SPE0906	Plastic Materials for Flat Panel Displays	Mr.Yosuke Ishikawa	KY planning
2009.06.12		有機LED, Technology, Current Status and Future Trend	Mr. Teruo Tohma	Technical Consultant
2009.04.24	SPE0904	Light weight automotive using CFRP (Carbon Fiber Reinforced Plastic)	Mr.Koji Yamaguchi	Automotive Center, Toray Industries, Inc.
		Deployment of natural fiber reinforced plastic. Manufacturing process research of natural fiber reinforced PLA (Polylactic acid) resin composite material.	Mr.Tatsuya Tanaka	Doshisha university
		The development of Plastic Back Door Module.	Mr.Issei Harima	GP Dikyo and nishikawa kasei.
		The advantages of SMC in the automotive applications	Mr.Masahiro Hakotani	Japan composite Co, Ltd.
2009.02.06	nano/SPE joint seminar	On the Situation of Polymer Nanocomposites	Mr.Kiyoshi Nakajyo	K.C Search
		Reactive blends in PBT/SAN and other blends	Dr.Toshiaki Ogizawa	Tokyo Institute of Technology
		Formation of Nanostructured Polymer Blends and Nano-Dispersed Polymer Nanocomposites Using High-Shear Processing	Dr. Hiroshi Shimizu	Advanced Industrial Science and Technology (AIST),
		Morphology and electrical conductivity of CNF-based polymer nanocomposites	Dr.Masaya Kotaki	Kyoto Institute of Technology
2008.12.05	spe0812	Trend in Decorative Plating Technology ー Focusing on Plating-On-Plastics Technology	Mr.Fujiwara Yutaka	The Osaka Municipal Technical Research Institute
		Plastic Plating Technology Using Supercritical Carbon Dioxide	Mr.Atsushi Yusa	Hitachi Maxell Co.,Ltd.
2008.10.16	RETEC 2008	Newest Trends of Packaging Materials	Mr.Tadahiko Katsura	Hoso Kagaku Kenkyusho
		FPCO Recycling System: ー Container to Container ー	Mr.Hideaki Utajima	FPCO
		The recent trends of reclosable packages and the characteristics of multi-functional zipper tape.	Mr.Ryo Katada	Idemitsu Unitech
		P-Plus Freshness preserving films for fruits and vegetables	Mr.Hisakazu Hirano	Sumitomo Bakelite Co.,Ltd
		Water-resistant gas barrier clay coating made by wet coating method	Mr.Daisaku Sojyo	KRI
		Dual-Composition Deposition Barrier Film	Mr.Shusei Matsuda	TOYOBO
		Characteristics and usage development of Transparent Barrier Film	Mr.Shigeki Matsui	Dai Nippon Printing Co.,Ltd
		"Active Barrier Material for Food Packaging"	Mr.Tomoyuki Watanabe	Kuraray Co. Ltd.
		New Barrier Material, Polyglycolic acid (PGA)	Mr.toshiya watanabe	Kureha Co.,Ltd.
2008.08.06	SPE0808	EASY TEAR FILM OF BIAXIALLY ORIENTED NYLON6 MXD6 BLEND BY DOUBLE BUBBLE TUBULAR FILM PROCESS	Mr.Masao Takashige	Idemitsu Unitech Co.,Ltd.
		The basic technologies and the recent trend of printed circuit board materials.	Kousaka Masao	Sumitomo bakelite Co.,Ltd.
2008.07.16	SPE0807	Development of LCP Circuit Material and Its Application to Next Generation Information Communication and Automobile Circuit Board	Mr.Sunao Fukutake	Japan Goatex Co.,
		ANTEC2008 Report including Injection, Thermoplastics, Foam	Dr..Hiroshi Itoh	Yamagata University
		Report on ANTEC2008: Composites, Engineering Properties & Structure, and Polymer Analysis	Dr.Kotaki Masaya	Kyoto Institute of Technology
		Reports on outlines for Nano/Micro Molding SIG, Extrusion DIV, and Joining of Plastics and Composites	Dr.Miyata Ken	Yamagata University

SPE Japan section held 7 seminars through 2008. We could open the ANTEC 2008 Introduction Seminar by ourselves. The participants of all seminars was about 153.





## On the Joint Conference with Nano Structured Polymer

A joint seminar with NPO-Research Association of Nano Structured Polymer (RANSP) was begun in 2008. It was the second execution at February, 2009.

RANSP started in 2002. The previous organization was PMC, Polymer Based Micro Composites. PMC was the activity of study of the polymer micro-composite materials and the share of the knowledge under the Japanese industrial technology promotion society from April, 1988 into 2000. After it was closed in March, 2000, we want to continue activities in the new organization somehow and started RANSP. Stare at the structure of polymer, and it is fine in the posture which pursues the function of the material though a name is different at Micro and Nano and the age.

RANSP have two institutes, Nano Structured Polymer, and TPE technical institute. And have the Venture support section, which formed the specific theme with the outside organization. At present, though it is omitted, as for the details, two themes are progressing. Furthermore, a consultant section in RANSP is held as an actual movement force in the society, and a society and the support of the venture business are being carried out except for the request business from the outside as consulting business. SPE Japanese section carry out a joint seminar with Nano Structured Polymer institute at present. The correspondence concerning the interdisciplinary by Nano structure polymer and concerning the enterprise by the SPE Japanese section, to face the movement for which to make an advanced technology like nano technology, are shown the complement relations and expected to show the development of this field clearly. I expect more development of this joint seminar.



Secretary Director  
Masahide Tashiro



## About ASIATEC 2011

A SPE Japanese section reached fundamental agreement by holding ASIATEC 2011 in Tokyo in February, 2011 with the American headquarters.

Eurotec 2009 scheduled with Europe in 2009 first was postponed to holding of autumn of 2011 years due to financial crisis. Holding in February, 2011 is the intention made the entertainment that participation from the foreign countries is easy in accordance with Nanotech 2011 to be proud of the biggest scale as event of this seed in the country.

Wish support ASIATEC 2011.