



SPE日本支部 News Letter

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Major event in 2014

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Date/	Event	Seminar
2014/7/31	Board of Directors	
2014/8/28	the general assembly	The plastic material and the application in the medical field.
2014/10/17	Steering Committee	Materials supporting an optics device and Precision processing technique.
2014/12/16	Steering Committee	"Environment, energy and plastics technology"
2015/2/17		8th Nano/SPE joint seminar
2015/4/17	Steering Committee	Utilization of lightweighting and the carbon fiber of the car
2015/6/10	Next year's event committee	The polymeric materials for medical application

We performed operation of the SPE Japan Section as follows. the board of directors on July 31, 2014, a member general meeting on August 28, steering committee on October 17, on December 16, on April 17. And next fiscal year event Committee on June 10 The main change that we carried out through this board of directors, general meeting is a replacement of the Section President. We elected Deputy Section President "Baba" a new Section President. We were replaced to Section President "Baba" from organization of Section President former "Izawa" who lasted 12 years from 2002. At the same time, Masahiro Oshima, Shinichi Kawasaki, Kenji Ehara, Sugiya Umeda, Masaya Kotaki, and Naoki Katsura were appointed newly as a director. Director Nagata, auditor Harada retired. Izawa takes office as an auditor. As an event, we carried out a medical material of August, high precision molding of October, environment energy in December, a joint seminar with the NPO Reserach Association of Nano Structuted Polymer in February, a car in April, medical care in June, each seminar. 170 participants of the whole event increased to (121 last year). The accounts income and expenditure was the black of 238,051 yen. For a

reason the increase of the participant, the receipt of money of last year unpaid headquarters rebate. In addition, the number of members was 30 regular members, corporate member three (28 last year regular members, corporate member 2). By the change of the Section President, there was the large replacement of the regular member.

In the headquarters, For digitization promotion, realized the functional office with new SPE website. We appointed Mr.Russell Broome in managing Director. He promotes the participation in plastics industry of the youth in Next Generation Advisory Board. We reviewed the business model of the SPE operation for the conventional member fee. Most activity on the platform of the computer assumed it free of charge. The operation expense seems to want to assume it consultation and the advertisement of a company looking for market data. We think that it is necessary to watch an organization and an operation of the headquarters, activity closely for 1-2 years.





Honorific title abbreviation

Kim Ogiwara Umeda Kawasaki Ehara Oikawa
Tashiro Izawa Baba Asayama Katsura



Kobayashi Nishitsuji

Kobayashi, Nishitsuji took office as a director from 2015/08.

2015		
role	name	org
President	Fumiaki Baba	Mitsubishi Electric Corporation
Vice President	Motohiro Asayama	Plastics-Age Company
Vice President	Kiyotaka Tomari	Osaka Municipal Tech. Res. Inst.
Council	Hiroshi Itou	Yamagata University
Treasure	Sho Oikawa	Sumitomo Bakelite Co.,Ltd.
Membership	Manabu Ogiwara	Nippon Zeon Co.,
Secretary	YoonHoon Kim	Furukawa Electric Co.,Ltd.
WebNL	Masahide Tashiro	MSAI
planning	Takeshi Nagaoka	Kobe Steel Ltd.
planning	Tadahiko Katsura	Hoso Kagaku Kenkyusho
planning	Masahiro Ohshima	Kyoto University
planning	Shinichi Kawasaki	Osaka Gas Chemicals Ltd
planning	Kenji Ehara	Asahi Kasei chemicals Ltd
planning	Sugiya Umeda	Technovel Corporation
planning	Naomi Katsura	Katsura Technoconsul
planning	Masaya Kotaki	Kaneka America Corp.
planning	Shotaro Nishitsuji	Yamagata University
planning	Yutaka Kobayashi	Prime polymer Co.,Ltd.
Auditor	Kazuhiko Ogino	Ogino Engineer Office
Auditor	Shinichi Izawa	
Senior adviser	Susumu Nagai	NR TechnoSearch

For break through realization of the plastics technology

SPE Japan Section President Fumiaki Baba



Due to development and market penetration of engineering plastic and the super engineering plastics of the 1970s, Product design technology, innovation of the production engineering on electricity, electronic equipment mainly were performed in every field. Plastics technology contributes to lightweighting and the technological advance of the car greatly recently. For realization of the innovation, we will take needs in advance in the future

and, It is necessary to know material property of plastic and the essence of the characteristic variation in the molding forming. In order to progress the plastic related industries in Japan, The realization of the break through that understood essence of the material technology of plastic is necessary.

For realization of the innovation, we will take needs in advance in the future and, It is necessary to know material property of plastic and the essence of the characteristic variation in the molding forming. In order to progress the plastic related industries in Japan, The realization of the break through that understood essence of the material technology of plastic is necessary. Although large improvement of the throughput is looked at plastics technology about related deep CAD, CAE, CAM. I think that the contribution to innovation of the plastic molding is not so big. 3D-CAD improved the productivity of the drawing greatly. However, contribution as Drawing is big rather than Design. Knowing the oriented state of a polymer and the reinforced fiber at the time of the molding, and it is important to value-added improvement of the plastic molding that we apply it in a cast design. It is not reflected enough by real CAD, and CAE. We design by 3D-CAD, a CAE and inspect. and it is common to process a die by CAM. A prediction of the weld line and structure optimization cannot do more than, and the present conditions to be far from a break through level. Product design, realization of the innovation of the production design are indispensable for the development of the related plastic industry.

Fortunately, SPE Japan Section is aggregate of the professional engineer of the plastics technology of a widespread industries. The SPE develops a place providing the bud of the break through as aggregate of the world top technology through 3 existing principles, seminar by the professional who knew 5 existing principles well, announcement society, tour meeting.

The break through of plastic is expected environment, energy, an aging society, and, in every field including the disaster prevention, The SPE Japan Section is active for the bottom of a strong member network, mutual study and the break through realization of the member steadily in order to meet this expectation.

2015 Event

We hold 6times seminar in 2014th. The plastic material and the application in the medical field as event title, Mr.Katsura and Mr.Asayama on 2015 August had 2 seminars. Materials supporting an optics device and Precision processing technique as event title by Dr.Itoh on October, had 3 seminars. Environment, energy and plastics technology by Mr.Tomari and Mr.Baba on December 2014, 8th Nano/SPE joint seminar, by Mr.Tashiro and Mr.Katsura on February 2015, had 3seminars, Utilization of lightweighting and the carbon fiber of the car by Mr.Nagaoka on April had 3 seminars, and The polymeric materials for medical application by Mr.Ehara and Mr.Ogiwara June had 2 seminars. Total participants was 170. Many participants was two events of December and February.

date/ participant	Event	Title	Company	Presenter
2014/08/28 21	The plastic material and the application in the medical field.	The characteristics of the cycloolefin polymer and the development of the pharmaceutical products container.	Nippon Zeon Co.,Ltd.	Koichi Ikeda
		The utilization of PEEK in the biological function assistance application.	Daicel Evonik Ltd.	Katsumi Sawada
2014/10/17 16	Materials supporting an optics device and Precision processing technique.	Optics properties and compactibility of the fluorene polyester with Cardo structure.	Osaka Gas chemical Co., Ltd.	Kato Mariko
		Fine processing technology to create a new optics device.	Nalux Co., Ltd.	Takaoka Toshimitsu
		The evaluation of the optics performance with the injection molding CAE system	Cybernet Systems Co.,LTD	Tada Kazumi
2014/12/16 38	"Environment, energy and plastics technology"	The expectation of materials judging for insulation performance of the high voltage equipment	Mitsubishi Electric Corporation	Dr.Hirotaka Muto
		"Photothermal conversion materials development by the biomass and utilization of solar thermal conversion for desalting of seawater"	Kyoto Institute of Technology	Yoshikazu Kondo
		The introduction of polymerization, the polyester thermoplastic prepreg in the process.	Ability gate Co., Ltd.	Koichi Akamatsu
2015/02/17 34	8th NANO/SPE combination seminar	Development of Conductive Pressure-sensitive adhesive with CNT	Lintec Co., Ltd.,	Syo Ohtaka
		Transparent functional films using nano-fiber and nanoparticle	Tokyo Institute of Technology	Koichi Sakajiri
		The current situation of Rubber Industries in ASIA.	Tokyo Institute of Technology	Ph D Toshio Nishi
2015/04/17 31	Utilization of lightweighting and the carbon fiber of the car	A car and a concentration factor composite	Kanazawa Institute of Technology	Yasushi Kageyama
		The molding forming of the concentration factor composite.	Gifu University	Akio Ohtani
		A car and a concentration factor composite to watch for an overseas exhibition" (JEC2014,2015,SPE 2014,K2013)	Nagoya University	Takeshi Nagaoka
2015/06/10 30	The polymeric materials for medical application	"biocompatible high polymer design Kyushu University guidance material chemistry laboratory by the middle water concept"	Kyushu University	Masaru Tanaka
		medical equipment and polymeric materials	Terumo Corporation	Tetsuo Kawanish
		biocompatible high polymer design Kyushu University guidance material chemistry laboratory by the middle water concept	Kyushu University.	Masaru Tanaka





2014 Statement of accounts

Income statement (2014/7/01-2015/06/31)			
Input		Output	
subject	¥	subject	¥
Member fee for HQ		Member fee for HQ	0
Member fee for Section	370000	Member fee for Section	0
Member fee for Section	192500		
Member fee for Section	0		
Rebate	206260	Rebate Exchange	0
Meeting Fee	797500	Meeting expense	630052
Magazine & Material	0	Magazine & Materials	0
Interesting	490	Communication	0
		Advertisement	686000
		materials	
		office	
		miscellaneous	12647
Total	1566750	Total	1328699
		Revenue at June 31, 201	238051
Previous Term	1189108	The next Term	1427159



Be in charge of accounts of
the SPE Japan Section

Akira Oikawa
Director SPE Japan Section

We succeed accounts charge of the SPE Japan Section, and two years are going to pass early. I was surprised to hear that I was not by turn, and the accounts charge was in charge of a transfer at first throughout. In addition, it was only receipt and disbursement processing and financial statements, not to understand including the budget document making that it was the first time. I came to gradually recognize the merits such as that understanding deepened by I continued, and being in charge and could plan efficiency. In addition, Number of members increased in these two years and was able to be active without a cost uneasiness element. Furthermore,

The participant to seminar was increase tendency, too, and the activation of the plastics market was felt when

section activity went down.

When we look at the market conditions, Movement to say to create a new market with 3D printers in Europe and America was felt. It was had a foreboding carbon fiber at a stretch the times of the turbulence including the entry for a phase of the mass employment.

In future more and more, It seems that the activity as the place of the latest technical information dispatch and technology exchanges becomes significant as for the SPE Japan Section.

Aiming at smooth plan administration activity, I will think that I can contribute to development of the allied industry of plastic in future. Thanks in advance for your help.





Membership lost of SPE Japan Section in 2015

2014 Membership list		
No	Name	Company (2015/07/27)
1	Hiroshi Itoh	Yamagata University
2	Shinichi Izawa	
3	Susumu Nagai	Techno Search
4	Manabu Ogiwara	Nippon Zeon Co.,
5	Kazuhiko Ogino	Ogino Engineer Office
6	Tadahiko Katsura	Hoso Kagaku Kenkyusho
7	Masao Iwano	PTBDL
8	YoonHoon Kim	Furukawa Electric Co.,Ltd.
9	Toshihiko Harada	Starlite Co.,
10	Naiochi Takashima	Takashima Engineer office
11	Youichi Ishizaki	Toyo Seikann Co.,Ltd.
12	Masahiro Shindou	Sekisui Plastics Co.,Ltd.
13	Motohiro Asayama	Plastics Age Co.,
14	Takeshi Nagaoka	Nagoya University
15	Masahide Tashiro	M S A I
16	Fumiaki Baba	Mitsubishi Electric Co.,
17	Kiyotaka Tomari	Osaka Municipal Tech. Res. Inst.
18	Mikio Fukumura	SKI
19	Akira Oikawa	Sumitomo Bakelite Co.,
20	Kenji Ehara	Asahi Kasei chemicals Ltd
21	Shinichi Kawasaki	Ohsaka Gas Chemicals Ltd
22	Naomi Katsura	Katsura Technoconsul
23	Masahiro Ohshima	Kyoto University
24	Masaya Kotaki	Kaneka America Corp.
25	Naoshi Nakajima	Toyobo Co.,Ltd.
26	Sugiya Umeda	Technovel Corporation
27	Hiroyasu Endo	Mitsubishi Electric Co.,
28	Yasuhito Morita	Uchimura Co.,Ltd.
29	Takeo Yasuda	Yasuda Polymer Research Lab.
30	Shiro Tanaka	Nagatsu Precision Mold Co.,Ltd.
31	Yutaka Kobayashi	Primpolymer Co.,Ltd.
32	Shotarou Nishitsuji	Yamagata University
33	Mio Kubota	Asahi Kasei chemicals Ltd

The regular number of 2014, was 30 people, the corporation membership were 3. The number of members of the whole SPE is approximately 16000 names (2015/7), The number (the number of Japanese of headquarters register section members) of members of Japan section 109 is (at 2015.08).



Editing postscript

Development (3D printer of the digital technology, robot, drone) let you foresee the future to substitute by various actions that a human being did.

What should the human being intend to cope in such future?

The SPE headquarters go ahead through the update of the business model to push forward the digitizes, the education of the youth, the cooperation with other organizations.

The SPE Japan Section stimulates the increase of the member, the restoration of youth of the director by the change of the section president, too.

But how will the relations become the headquarters and the section in the future ?

SPE Japan Section Application

Member Distinction Put ○ for your position		individual membership		Describe to individual column		
		corporate membership		Rep for Indiv, Column, Representative of Corporation		
Individual	Name			Corporate	Company name	
	〒 Address				Division	
	Tel				Name	
	E-Mail				〒 Address	
					Tel	

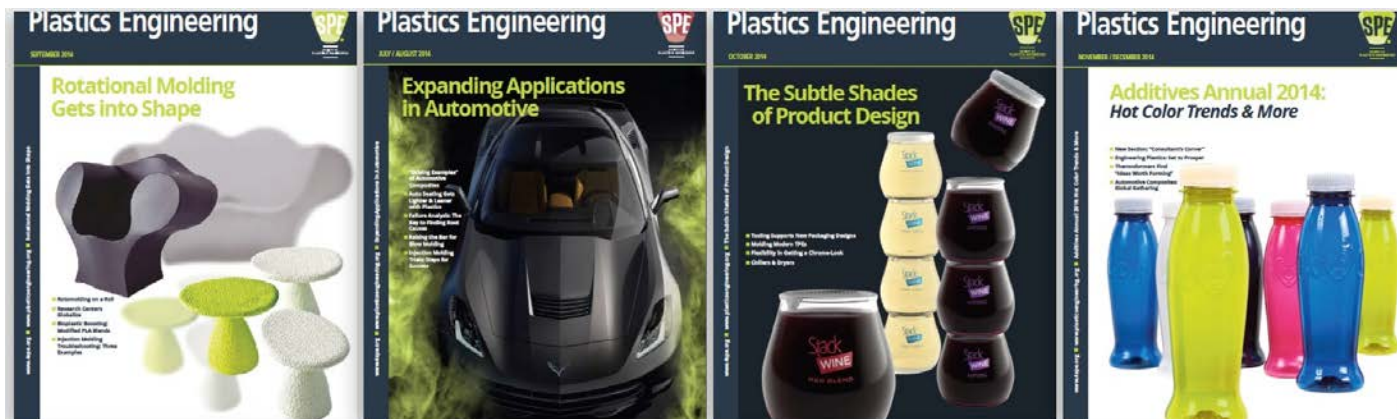
Please fill the above. In addition, the person in charge of a corporate member, so you also need to join the U.S. headquarters procedure, please send at the same time to fill out the attached entry format.

SPE Japan Section Membership Manabu Ogiwara

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Please contact the above if you want to participate into SPE Japan Section.



President

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Outline of SPE headquarters

The biggest result of 2014, realized new SPE website. The establishment of the functional office by 6 306 Berkshire Blvd Suite Bethel, CT 06801, USA. Mr. Russell Broome is appointed by the managing director of the association to promote digitization. We hold China, Singapore, Middle Eastern (Dubai, January, 2014) conference for SPE's globalization efforts.

We reviewed business model of the SPE business. We offer most activity on the platform free. We get the administration expense from an advertisement of company and consultation of market research.

As a result,
Digitize Plastics Engineering Magazine publication completely.
Installation of NGAB (Next Generation Advisory Board)
Opening of The Plastics Race(R)
Installation of e-member.

As means

Start of the Chain in 2015.

The exclusive part of "The Chain" prepares for a place to store a document in a leader and a volunteer of the SPE and all sections. Therefore we cooperate with various organizations, the GPCA in the Middle East, Plastics Europe, JEC composites, and more.

