

Koplas²⁰¹⁹

25th Korea International Plastics & Rubber Show

M-Koplas²⁰¹⁹

Korea Plastics and Rubber Materials & Composite Show

12-16 March, 2019

KINTEX, Goyang, KOREA

*Plastics,
Make Future
Valuable*

Concurrently held with
**INTERMOLD KOREA
HARFKO**



www.koplas.com

Organizers
Korea E & Ex Inc.
Korea Plastics Processing Machine Industry Cooperative

Koplas

M-koplas

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KOPLAS / M-KOPLAS 2019

Exhibition Result

Post Show Report

1. At a Glance

1. Title : 25th Korea International Plastics & Rubber Show (KOPLAS 2019)
Korea Plastics and Rubber Materials & Composite Show (M-KOPLAS 2019)

2. Theme : Plastics, Make Future Valuable!

3. Period : 12th(Tue.) ~ 16th (Sat.) March, 2019 (5 Days)

4. Opening Hours : 10:00 a.m. ~ 5:00 p.m.

5. Venue : KINTEX Exhibition Center 1 (Hall 3, 4, 5)
217-60, Kintex-ro, Ilsanseo-gu, Goyang-si, Gyeonggi-do, Korea

6. Organizers

Korea E & Ex Inc. · Korea Plastics Processing Machine Industry Cooperative (KOPLAS)
Korea E & Ex Inc. · Messe K Co., Ltd. (M-KOPLAS)

7. Sponsors

- Ministry of Trade, Industry & Energy
- Ministry of SMEs and Startups
- Korea Trade Investment Promotion Agency (KOTRA)
- Korea Federation of Small and Medium Business
- Korea Federation of Plastic Industry Cooperative
- Korea Bio Material Packaging Association
- Korean Bioplastics Association (KBPA)
- Korea Institute of Rubber Industry

8. Exhibition Scale : 26,487 sqm (572 exhibitors from 26 countries)

9. Groups of Exhibits

- Raw Materials and Auxiliary Materials
- Processing Machinery
- Molds and Dies
- Parts and Meter
- Packaging and Printing Machinery
- Technical Publication and Services, Organizations, Associations
- Semi-finished and Finished Products
- Post Processing Machinery
- Ancillary Equipment
- Test and Measuring Equipment
- Others

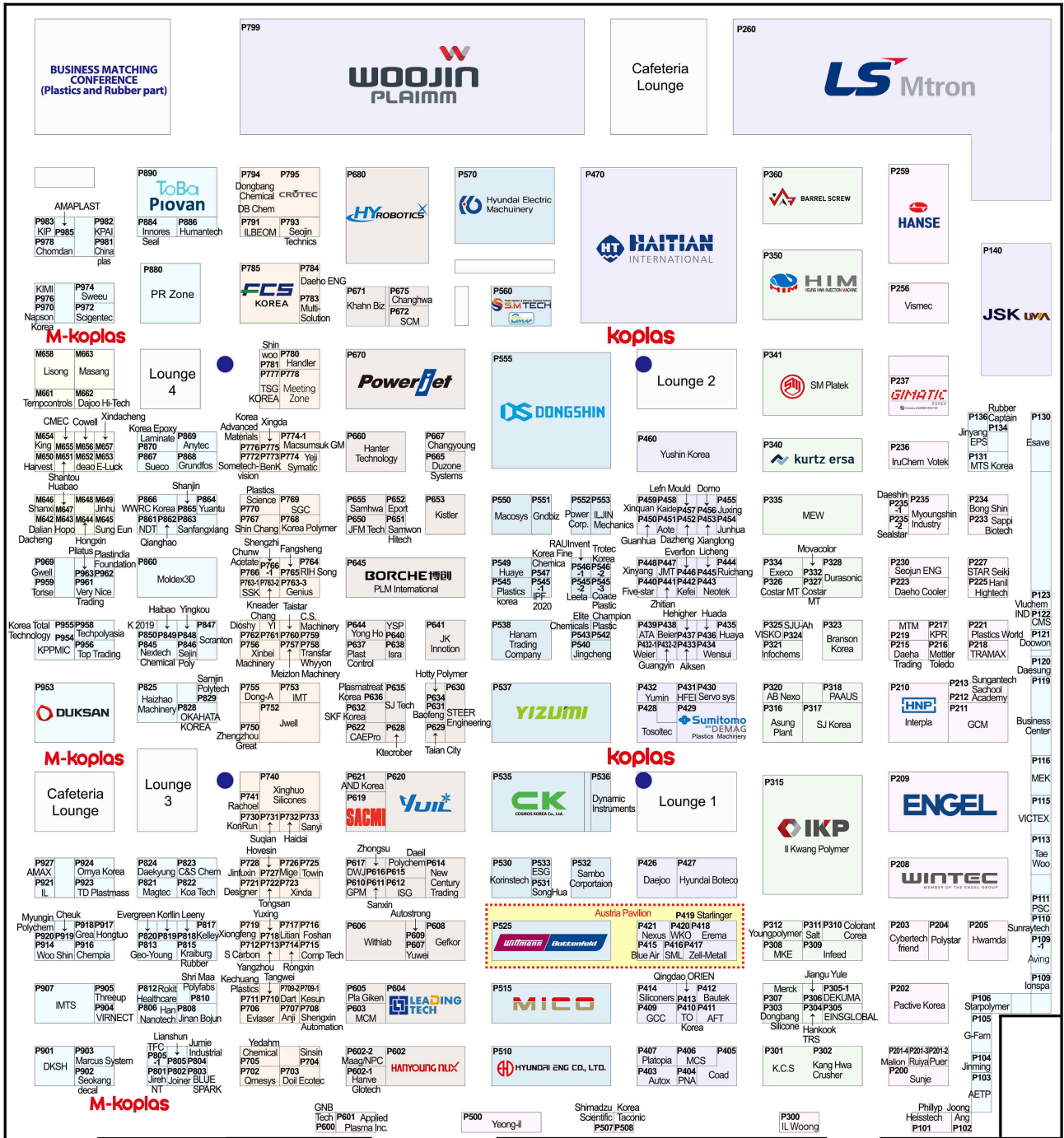
10. Website : www.koplas.com / www.mkoplas.com

11. E-mail : koplas@koplas.com

12. Concurrent Shows : KOPLAS 2019 · M-KOPLAS 2019 held concurrently with INTERMOLD KOREA 2019 and HARFKO 2019 as the total size of 76,000 sqm with 4,300 booths from 1,280 exhibitors.

2. Hall Plan

KINTEX – Hall 3, 4, 5



HALL 3 ENTRANCE / EXIT

HALL 4 ENTRANCE / EXIT

HALL 5 ENTRANCE / EXIT

www.koplas.com



3. Exhibition Results & Figures

KOPLAS / M-KOPLAS 2019 held concurrently with INTERMOLD KOREA 2019 and HARFKO 2019 as total size of 76,000 sqm with 4,300 booths from 1,280 exhibitors.

1. Exhibition Scale : 26,487 sqm (Gross Space)

2. Number of Exhibition : Total 26 countries 572 companies

3. Number of Visitor : Total 85,016 (Overseas 2,417)

4. Classification of Exhibitors' Origin

Country	No. of Exhibitors	Country	No. of Exhibitors
Australia	1	Korea	152
Austria	21	Netherlands	9
Canada	2	Romania	1
China	134	Russia	2
Czech	1	Singapore	2
Denmark	2	Spain	1
Finland	5	Sweden	2
France	4	Switzerland	12
Germany	63	Taiwan	19
Hong Kong	2	Thailand	1
India	4	U.K.	13
Italy	30	U.S.A.	33
Japan	55	Vietnam	1
Total 572 Exhibitors from 26 Countries			

5. Classification by Key Exhibits

Code No.	Key Exhibits (KOPLAS)	No. of Exhibitors	Code No.	Key Exhibits (M-KOPLAS)	No. of Exhibitors
①	Raw Materials and Auxiliary Materials	123	⑪	Bio-plastic	22
②	Semi-Finished and Finished Products	46	⑫	Thermoplastic / Thermosetting	24
③	Processing Machinery	124	⑬	Thermosetting Elastomer	10
④	Post Processing Machinery	42	⑭	Synthetic Rubber	6
⑤	Molds and Dies	47	⑮	3D Printing Materials	3
⑥	Ancillary Equipment	98	⑯	Additive and Filler	36
⑦	Parts and Meter	65	⑰	Adhesive	5
⑧	Test and Measuring Equipment	101	⑱	Surfactant	7
⑨	Packaging and Printing Machinery	18	⑲	Paint, Dye, Pigment, Colorant, Masterbatch	10
⑩	Publication and Service	18	⑳	Other	48

6. Convenience services for buyers and visitors

(1) Online Exhibition and Pre-registration

KOPLAS can help you get the effect of exhibitions through the net, after KOPLAS website fully operates (www.koplas.com). In order for trade promotion to provide visitors with information about the exhibition exhibitors, attendees visit the booths for visitors through the Barcode reader system, also it allows you to manage your data.

(2) Free Translation Service at KOPLAS

KOPLAS Trade and Free Agent resides on the interpretation at the exhibition hall entrance, which provided convenience to foreign buyers and domestic suppliers to visit the exhibition.

(3) Match Making System

For a quick and systematic consultations between Buyers, Match Making System provides a service to schedule an appointment via the Internet prior to the exhibitors and buyers to consult.

(4) Pleasant Exhibition Center

For the convenience of business visitors and exhibitors, offering a pleasant tour to the lounge, Cafeteria operations.



4. Visitors Status

1. Number of Visitors

Dates	Local Visitors	Overseas Buyers	Total Visitors	Daily Rates (%)	Weather Condition
Mar. 12th(Tue.)	13,670	730	14,400	16.9%	Cloudy,Foggy
Mar. 13th(Wed.)	19,117	615	19,732	23.2%	Sunny
Mar. 14th(Thu.)	19,992	504	22,496	24.1%	Cloudy
Mar. 15th(Fri.)	20,128	407	20,535	24.2%	Rainy
Mar. 16th(Sat.)	9,692	161	9,853	11.6%	Cloudy
Total	82,599	2,417	85,016	100.0%	

2. Purpose of Visit (Multiple Responses)

Classification	2015 Rates	2017 Rates	2019 Rates
Gather Information	54.6%	54.6%	53.9%
Market Research	16.3%	15.4%	16.0%
General Interests	16.4%	17.5%	16.6%
Purchasing Consultation	6.9%	7.1%	7.5%
Export / Import	2.6%	2.5%	3.2%
Others	3.2%	3.0%	2.8%
Total	100.0%	100.0%	100.0%

3. Visitors' Occupational Functions

Classification	2015 Rates	2017 Rates	2019 Rates
Manufacture	69.0%	72.2%	70.7%
Trade	7.8%	7.4%	5.6%
Circulation	5.8%	5.9%	5.5%
Research Institutions	5.9%	6.0%	6.7%
Student	2.9%	2.2%	0.5%
General	2.3%	1.5%	1.9%
Service	1.4%	1.3%	2.0%
Media / Publishing	0.3%	0.2%	0.4%
Finance / Investment	0.6%	0.3%	1.8%
Public / Government agencies	0.5%	0.4%	0.3%
Educational Institutions	0.6%	0.5%	0.7%
Other	2.9%	2.1%	3.9%
Total	100.0%	100.0%	100.0%

4. Participation Route

Classification	2015 Rates	2017 Rates	2019 Rates
Invitation Cards or Brochures (Posters)	63.6%	63.7%	63.0%
Internet	19.7%	21.7%	21.2%
Related Organizations	2.8%	2.9%	2.9%
Technical Magazines	1.8%	1.7%	2.0%
Daily & Financial Newspapers	3.2%	2.4%	2.0%
Mobile SMS	2.9%	2.9%	3.7%
Suggestion of Suppliers & Exhibitors	2.6%	2.7%	3.0%
TV & Radio	2.9%	1.5%	1.7%
Outdoor Advertising (e.g. Banners)	0.5%	0.5%	0.5%
Total	100.0%	100.0%	100.0%

5. Field of Visitor Interests (Multiple Responses)

Classification	2015 Rates	2017 Rates	2019 Rates
Raw Materials & Auxiliary Materials	20.8%	20.5%	20.9%
Injection Molding	14.1%	13.8%	13.4%
Molds & Dies	14.2%	15.2%	14.1%
Extrusion Plants	8.0%	8.2%	8.0%
Automation Equipment	8.4%	9.5%	10.2%
Testing & Measuring Devices	5.0%	5.0%	5.3%
Packaging & Printing Machines	4.0%	4.3%	4.3%
Finished Products	6.4%	6.6%	5.8%
Parts & Meters	6.0%	6.0%	4.8%
Other Forming Machines	3.1%	3.0%	3.4%
Post Processing Machines	1.3%	1.0%	1.0%
Semi-Finished Products	2.4%	2.9%	3.6%
Blow Molding Machines	2.7%	2.7%	2.7%
Informations & Services	0.9%	0.6%	0.6%
Others	2.7%	0.8%	2.0%
Total	100.0%	100.0%	100.0%

5. Conferences & Seminar

▣ Future Plastics Change Seminar [Charged Seminar]

Date: 3. 13(Wed.), ~ 3. 15(Fri.), Mar, 2019

Venue: KINTEX Exhibition Center I, Rm 213 (2Fl.)

Organizer: HANDLER (4 Dimension Molding Technology), Korea E&Ex Inc.

Registration Fee: 1day KRW 220,000 / 3days KRW 330,000 (50% discount) (Including V.A.T.)

Contact: HANDLER (+82-10-3304-8946, +82-70-4440-9583)

“Find the Future of Automobiles in New Plastics Materials” - Development Trend of New Materials for Future Automobile		
Date / Room	Time	Topic
3.13 (Wed.) Rm. 213	13:30	Registration
	13:30~14:10	Engineering plastic trend for lightweight vehicles Speaker: Chung Kil, Kim (Manager / BASF Korea, Technical Development – Transportation Team) Contact: chunggil.kim@basf.com
	14:10~14:50	Characteristics and Application of PPS (Polyphenylene Sulfide) Speaker: Hag sun, Kim (Team Manager (General Manager) / Toray Advanced materials Korea Inc.) Contact: hphile@torayamk.com
	14:50~15:30	Application of Thermoset Phenolic Resin Speaker: Yeon su, Kim (Principal Researcher / Kangnam Chemical Co., Ltd.) Contact: yeonsu@kangnam.co.kr
	15:30~16:10	Engineering plastic trends for the future automobile industry Speaker: Young Rock, Kwon (Deputy Senior Manager / Samyang Corporation, Chemicals R&D, Automotive Materials Research) Contact: youngrock.kwon@samyang.com
	16:10~16:50	LANXESS Engineering Plastics Solution for New Mobility Speaker: Sang Hun, Han (Head of High Performance Materials / LANXESS Korea) Contact: Sanghun.Han@lanxess.com



“Meet New Technology to Change Future Production Technology” - Latest Trend of Injection Molding Technology		
Date / Room	Time	Topic
3.14 (Thur.) Rm. 213	13:30	Registration
	13:30~14:10	Trends of technology in manufacturing process about lightweight materials for automotive Speaker: Mee Hye, Oh (Principal Researcher/Ph.D. / Korea Automotive Technology Institute, Environmental Materials R&D Center) Contact: mhoh@katech.re.kr
	14:10~14:50	Multi-dimensional automated-layup and resin spray transfer type CFRP processing for automotive applications Speaker: Jae Sang, Yu (Senior Research Scientist/Ph.D. / KIST Jeonbuck, Institute of Advanced Composite Materials) Contact: jamesyu@kist.re.kr
	14:50~15:30	Injection Molding Technology for Future Industrial Market Changes Speaker: Sung Hee, Lee (Principal Researcher/Ph.D. / KITECH) Contact: birdlee@kitech.re.kr
	15:30~16:10	3D printing technology that can shift the manufacturing paradigm and 3D printing applications Speaker: Sung Geun, Cho (Director / Prototech) Contact: Joseph_cho@prototech.co.kr
	16:10~16:50	Prediction of fiber microstructure for injection molded parts Speaker: Bon Heung, Koo (CEO/ Ph. D. / VM Tech) Contact: kbh90@vmtech.co.kr

“The Injection Molding Plants, Meet New Future Technologies” - Status of Technologies for Smart Factory of Injection Molding Factories		
Date / Room	Time	Topic
3.15 (Fri.) Rm. 213	13:30	Registration
	13:30~14:10	How to build industry 4.0 Comau's vision. Speaker: NAU Technics / Comau's engineer team
	14:10~14:50	Smart Factory of Injection Molding Manufacturing Speaker: Sung Kyun, Park (General Manager / YUDOSUNS) Contact: skpark@yudosuns.com
	14:50~15:30	H5, a multi axis robot for specialized in plastic injection molding industry Speaker: Jason Kang, (Robot Sales General Manager / Hanyang Robotics Co., Ltd.) Contact: jason.kang@hyrobot.com
	15:30~16:10	How to increase productivity using robot Speaker: Tim Yi, (Korea sales manager / Universal Robots Korea) Contact: tyi@universal-robots.com
	16:10~16:50	Smart(Injection Molding) Factory to build by TSP & CSI Solution of LS Mtron * N.B.; TSP = Total Solution Provider, CSI = Connected and Smart Injection Speaker: Young Ki, Kim (Technical Sales Advisor / LS Mtron Ltd. Injection Molding System) Contact: youngki.kim@lsmtron.com, ykkim2025@gmail.com

☐ KOPLAS New Technical Seminar

Date / Room	Time	Topic
3.12(Tue.) ~16(Sat.) Rm. 302	14:00~15:00	LFIM<Low Pressure Physical Microcellular Foam Injection Molding Machine> Speaker: Park Tae Jin (Director of Research / Annex research Institute) Organizer: Woojin Plaimm Co., Ltd. Contact: +82-43-540-9300
3.13 (Wed.) Rm. 210	11:00~12:00	Innovations in In-House and Post-Industrial Recycling Speaker: Mr. Thomas Konrad (Starlinger Co. Gesellschaft m.b.h, Austria) Organizer: DAEJOO IND. CO. Contact: +82-31-719-4017
	13:00~14:00	Vistamaxx in Compounding industry Speaker: Peter H. Y. Chung (Global Sales Development / ExxonMobil Chemical) Organizer: Nextech Chemical Co., Ltd. Contact: +82-32-246-6100
	14:30~15:30	The Trend in Convergence of Technology in 3D Printing and Polymer Speaker: Heon Ju, Lee (ROKIT Healthcare) Organizer: ROKIT Healthcare Contact: +82-2-867-0182
	15:50~16:50	Functional nanocomposite formation by the nanoparticles on powder(NPP) process and its current status. Speaker: Seok Keun, Koh (CTO / iCube Global) Organizer: iCubeGlobal Co., Ltd. Contact: +82-2-6964-8118
3.13 (Wed.) Rm. 211A	13:00~14:00	How to test and use material properties in Intelligent Compounding Speaker: Myung Ho, Kim (CEO / MKE) Organizer: MKE Contact: +82-42-347-5735
	14:30~15:30	Removal of static electricity in industry Speaker: Kang Young, Son (Director / Sunje Co., Ltd.) Organizer: Sunje Co., Ltd. Contact: +82-10-5505-7050
	16:00~17:00	The easy use of intellectual property rights Speaker: Han Gi, Cho (Director / Dongshin international patent & law) Organizer: Dongshin international patent & law Contact: +82-2-564-6645
3.13 (Wed.) Rm. 211B	13:00~14:00	How do dispersants, Lubricants, Surface Modifiers work in polymer compounding? Speaker: Chul Ho, Choi (Technical Director / IruChem Co., Ltd.) Organizer: IruChem Co., Ltd. Contact: +82-31-355-2321
	14:30~15:30	Discoloration of Paste / Rigid PVC Speaker: Sung Keun, Chin (Technical Adviser / AMAX Co., Ltd.) Organizer: AMAX Co., Ltd. Contact: +82-2-574-5106

Date / Room	Time	Topic
3.13 (Wed.) Rm. 212	Organizer	Pactive Korea / +82-2-438-0287
	12:00~12:40	Why Cloeren , Industry 4.0 Speaker: John Charmers (VP / Cloeren Inc.)
	12:40~13:20	Pressure in Extruder will be more smart industry 4.0 Industry Speaker: Butch Woodcock (VP / PSI-Polymer Systems, Inc.)
	13:20~14:00	Surface Dyne will be care by Enercon with environment friendly circumstance Speaker: Shuster, Rick (Director / Enercon Industries Corp.)
	14:00~14:40	Industry 4.0 static control method with web cleaning. Speaker: Christian Trimborn (Director / Hildebrand Technology)
	14:40~15:20	For Human, Rex Heating system in extrusion process Speaker: Ken Van Nimwegen (Director / Rex Materials, Inc.)
	15:20~16:00	Factory Automation of Extrusion System Speaker: Bob Deitrick / Director (American Kuhne)
	16:00~16:40	Auto Slitting System Speaker: Attilio Cavagna (President / Elio Cavagna)
3.14 (Thur.) Rm. 209B	14:00~16:00	Raw material search engine & Exploring overseas customers through the database Speaker: Jung Soon(James), Choi (Senior Sales Executive / UL Korea) Organizer: UL Korea Contact: +82-2-2009-9143
3.14 (Thur.) Rm. 210A	13:00~14:00	Development of multi-functional TPE (Thermoplastic Elastomer) Speaker: Hee Seok, Oh (CEO/Youngpolymer Co., Ltd.) Organizer: Youngpolymer Co., Ltd. Contact: +82-70-8675-5421
	14:30~15:30	Laser marking of plastic parts with Merck's functional pigments Speaker: Oliver Robert Piening (Global Marketing Identification & Light / Merck Performance Materials Ltd.) Organizer: Merck Performance Materials Ltd. Contact: +82-2-2185-4549
	16:00~17:00	Plastic material test method - tensile & bending test, charpy & Izod impact test, MI measurement Speaker: Hee Min, Lee (Head of department / MTM Corporation) Organizer: MTM Corporation Contact: +82-31-776-0930

Date / Room	Time	Topic
3.14 (Thur.) Rm. 210B	13:00~14:00	Plasma surface treatment trend in new industrial application Speaker: Chang Hoon, Lee (President / AETP) Organizer: AETP Contact: +82-70-4773-2120
	14:30~15:30	Total solutions for quality control in the Plastic Industry Speaker: Ha Sun, Na (Moisture Application Specialist) In Young, Kim (Tech Support Specialist / Mettler toledo Korea) Organizer: Mettler toledo Korea Contact: +82-1588-0180
3.14 (Thur.) Rm. 211A	13:00~14:00	Mold Inner Pressure Monitoring System Speaker: Eiji Hasegawa (Supervisor / MinebeaMitsumi) Seo Bung, Kim (Chief Officer / Sachool Academy) Organizer: Sung An Tech Co., Ltd. / Sachool Academy Co., Ltd. Contact: +82-31-668-9937
	14:30~15:30	Innovative new functions and real case study of CAE simulation program “Cadmould 3D-F” and injection optimization program “Varimos” Speaker: Sebastian Sutter (Senior Tech Engineer / SIMCON) Organizer: Techpolyasia Co., Ltd. Contact: +82-10-7326-7563
3.14 (Thur.) Rm. 211B	13:00~14:00	Introduction for New Moisture Analyzer HydroTracer Speaker: Hyung Don, Kim (Managing Director / Sunraytech) Organizer: Sunraytech Contact: +82-10-2237-7327
	14:20~15:20	Compounding with TSE and New Development in Process Technology Speaker: Dr. Prakash Hadimani (Lead programmer / Sr. Manager, STEER) Organizer: ONE International Co., Ltd. (STEER) Contact: +82-2-448-8300
	15:40~16:40	Inline Catheter Manufacturing System Speaker: Yoshiharu Kikuzawa (President / Plagiken) Organizer: LK Systek Corp. Contact: +82-2-6679-4343
3.14 (Thur.) Rm. 212	13:00~13:50	LSR machine/Micro LSR Part injection Moulding Speaker: Chong Geun Kim (Managing Director , Wittmann Battenfeld Korea) Organizer: Wittmann Battenfeld Korea / SILICONERS Co., Ltd. Contact: +82-31-274-4812
	14:00~14:50	LSR 2-shot molding & Next level dosing system Speaker: Seong Min Choo, (CEO, Siliconers Co., Ltd.) Organizer: Wittmann Battenfeld Korea / SILICONERS Co., Ltd. Contact: +82-32-675-5113

6. Information of KOPLAS / M-KOPLAS 2021

1. Title

KOPLAS 2021

26th Korea International Plastics & Rubber Show

M-KOPLAS 2021

Korea Plastics and Rubber Materials & Composite Show

2. Exhibition Period

In March, 2021

3. Opening Hours

10:00 a.m. ~ 5:00 p.m.

4. Exhibition Venue

KINTEX(Korea International Exhibition Center 1) Hall 3, 4, 5

217-60, Kintex-ro, Ilsanseo-gu, Goyang-si, Gyeonggi-do, Korea

5. Exhibition Scale

26,487 sqm

6. Organizers

Korea E & Ex Inc. · Korea Plastics Processing Machine Industry Cooperative (KOPLAS)

Korea E & Ex Inc. · Messe K Co., Ltd. (M-KOPLAS)

7. Concurrent Event

The 25th Korea Int'l Die, Mold & Related Equipment Exhibition - Intermold Korea 2021

The 16th Heating, Air-Conditioning, Refriger & Fluid Exhibition - HARFKO 2021

8. Application for Exhibit Space

Jan. 1st, 2020 ~ Dec. 31st, 2020

(When exhibition space is fully booked prior to the deadline, acceptance for the application can be closed.)

9. Contact information to apply for space

Korea E&EX Inc. (Secretariat of KOPLAS and M-Koplas)

Rm. 2001, WTC, Yeongdong-daero 511, Gangnam-gu, Seoul, 06164, Rep. of Korea

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2019 Koplás M-koplás 2019 On-Site Photos

