ICMP 2017 – Schedule for Technical Sessions

Note: NAMRC & MSEC PAPERS ARE NOT INCLUDED IN THIS FILE – PLEASE USE THE SECOND LINK IF YOUR ARE submitting to those conferences.

This PDF file represents the data being used by ASME to generate the program schedule for ICMP 2017.

Authors are requested to look for their assigned sessions and the specific dates/times. Note that some papers may have moved to a different session to accommodate for capacity at the hosts' end. In that case, you will either need your ICMP paper number or presenting author name to search this PDF).

The Track Names for ICMP are Listed Below:

- Track 1 Materials
- Track 2 Processing
- Track 3 Measurement and evaluation
- Track 4 Recent Trends in Materials and Processing
- Track 5 Poster

ALL QUESTIONS ABOUT THE SCHEDULE SHOULD BE DIRECTED TO THE ICMP 2017 TECHNICAL PROGRAM CHAIR:

Satoshi Kishimoto KISHIMOTO.Satoshi@nims.go.jp

Note to Authors, Session chairs etc.

Given the collocation of three conferences, this schedule has been arrived after balancing multiple constraints between the three societies (SME, ASME and JSME) and also taking into consideration the capacity limitations of the host USC.

The scientific chairs may not be able to accommodate changes to this schedule unless there are mitigating circumstances that require all three societies to revisit their specific allocations again.

Thank you for your cooperation in this matter.

LEGEND FOR READING ICMP 2017 SCHEDULE

Note: Room # will be added by the host at a later time

| | | | | | Note: Room | # will be add | ed by the nos | st at a later |
|----|---|------------|---------------------------|----------------------------|---------------------|---------------|---------------|---------------|
| | Trac | k | Sy | mposium | | | | |
| | | | | Track 1 Materia | als | | | |
| | Track Orga | nizer: S | hinji Ogihara, <i>Tok</i> | yo University of Science | | C | | |
| | Track Co-Organizer: Hiroshi Asanuma, C | | a, Chiba University | | Session - | | | |
| | Track Co-C | Organizer | : Yukio Miyashita | , Nagaoka University of Te | chnology | Number & | | |
| | 1-1 Polyme | r and Poly | mer Matrix Compo | sites | | Name | | |
| | Symposium Organizer: Hiroyuki Kawada, Waseda University | | | | | | | |
| | | 1-1-1 Pol | lymer and Polymer | Matrix Composite (Technica | I Session) | | | |
| | | | Session Schedule: | Tuesday, June 06, 2017 (| 9:15 AM-10:45 AM | | Session D | • |
| SS | ion | | Session Sponsor | s: | | | and Time | |
| ai | r/co-cha | ir 🗲 | Session Organiza | er: Shinji Ogihara, Tokyo | University of Scien | ce | | |
| | | | ICMP2017-4335 | Shinji Ogihara | Abstract a | ccepted | Oral Preser | ntation |
| | | | ICMP2017-4343 | Ryosuke FUJIMOTO | Final pape | er submitted | Technical P | ublication |
| | | | ICMP2017-4334 | Norimichi Nanami | Final pape | er submitted | Technical P | ublication |
| | | | ^ | ^ | ' | | | |
| | | | ICMP Pap | er # Presentir | ng author liste | d in ASM | E webtoo | ol |

ICMP 2017 Session Assignments

ICM&P 2017 Schedule of Sessions (April 28, 2017)

| | | | Track 1 Materials | | | | | |
|--|---|----------------------|---|---------------------------|-----------------------|--|--|--|
| Track Organiz | <i>er:</i> Shinji Ogil | hara, <i>Tokyo</i> | University of Science | | | | | |
| Track Co-Orga | Track Co-Organizer: Hiroshi Asanuma, Chiba University | | | | | | | |
| Track Co-Orga | anizer: Yukio I | Miyashita, <i>N</i> | agaoka University of Technology | | | | | |
| 1-1 Polymer an | d Polymer Matr | rix Composites | | | | | | |
| S | ymposium Org | <i>ganizer:</i> Hiro | yuki Kawada, <i>Waseda University</i> | | | | | |
| = | -1-1 Polymer an | ıd Polymer Ma | trix Composite (Technical Session) | | | | | |
| | Sessio | on Schedule: T | uesday, June 06, 2017 09:15 AM-10: | 45 AM | | | | |
| | Sessi | on Sponsors | , | | | | | |
| Session Organizer: Shinji Ogihara, Tokyo University of Science | | | | | | | | |
| | ICMP2 | 2017-4335 | Shinji Ogihara | Abstract accepted | Oral Presentation | | | |
| | ICMP2 | 2017-4343 | Ryosuke FUJIMOTO | Final paper submitted | Technical Publication | | | |
| | ICMP2 | 2017-4334 | Norimichi Nanami | Final paper submitted | Technical Publication | | | |
| | - | - | | • | • | | | |
| 1-2 Ceramics ar | nd Ceramic Mat | rix Composites | <u>i</u> | | | | | |
| S | ymposium Org | <i>ganizer:</i> Shu | ichi WAKAYAMA, <i>Tokyo Metropolitar</i> | n University | | | | |
| S | ymposium Co- | -Organizer: ` | Yasuo KOGO, <i>Tokyo University of So</i> | cience | | | | |
| S | ymposium Co- | -Organizer: | Kouichi YASUDA, Tokyo Institute of | Technology | | | | |
| S | ymposium Co- | -Organizer: | Toshio OGASAWARA, <i>Tokyo Univers</i> | ity of Agriculture and Te | chnology | | | |
| S | ymposium Co- | -Organizer: \ | Wataro Nakao, <i>Yokohama National</i> l | University | | | | |
| S | ymposium Co- | -Organizer: | Takashi AKATSU, <i>Saga University</i> | | | | | |
| 1 | -2-1 Ceramics ar | nd Ceramic Ma | atrix Composites I (Technical Session) | | | | | |

| | Session Schedule: \ | Vednesday, June 07, 2017 11:00 AM- | -12:30 PM | | | |
|------------------------|---|--|----------------------------|-----------------------|--|--|
| | Session Sponsors | : | | | | |
| | Session Organizer: Yasuo KOGO, Tokyo University of Science | | | | | |
| | Session Co-Organizer: Shuichi WAKAYAMA, Tokyo Metropolitan University | | | | | |
| | ICMP2017-4393 | Shuichi WAKAYAMA | Final paper submitted | Technical Publication | | |
| | ICMP2017-4405 | Masashi SATO | Final paper submitted | Technical Publication | | |
| | ICMP2017-4423 | Takuya AOKI | Abstract accepted | Oral Presentation | | |
| | | | • | | | |
| 1-2-2 Cera | amics and Ceramic M | atrix Composites II (Technical Session) | | | | |
| | Session Schedule: \ | Vednesday, June 07, 2017 02:15 PM- | -03:45 PM | | | |
| | Session Sponsors | : | | | | |
| | Session Organize | r: Shuichi WAKAYAMA, <i>Tokyo Metro</i> | politan University | | | |
| | Session Co-Organ | nizer: Yasuo KOGO, Tokyo Universit | y of Science | | | |
| | ICMP2017-4411 | Wataro Nakao | Abstract accepted | Oral Presentation | | |
| | ICMP2017-4414 | Natsuko Kimura | Abstract accepted | Oral Presentation | | |
| | ICMP2017-4441 | Ryo Inoue | Final paper submitted | Technical Publication | | |
| | | | | | | |
| 1-3 Advanced structura | l/functional materials | i | | | | |
| Symposia | <i>um Organizer:</i> Sat | oshi Kishimoto, <i>National Institute fo</i> | r Materials Science | | | |
| | | | | | | |
| 1-3-1 Adv | anced structual/func | tional materials (Technical Session) | | | | |
| | Session Schedule: | uesday, June 06, 2017 11:00 AM-12: | 30 PM | | | |
| | Session Sponsors | : | | | | |
| | Session Organize | r: Satoshi Kishimoto, <i>National Instit</i> | tute for Materials Science | e | | |

| | | | Session Co-Organ | nizer: Yoshihiko Hangai, <i>Gunma Uni</i> | versity | |
|---|--------------|--------------|----------------------|---|-----------------------|-----------------------|
| | | | ICMP2017-4303 | Shigeru Nagasawa | Final paper submitted | Technical Publication |
| | | | ICMP2017-4319 | Shigehiro Kawamori | Abstract accepted | Oral Presentation |
| | | | ICMP2017-4447 | Ozdogan KARAÇALI | Abstract accepted | Oral Presentation |
| | | | | | • | |
| | 1-4 Smart Ma | aterials and | <u>Structures</u> | | | |
| | | Symposiu | ım Organizer: Hiro | oshi Asanuma, <i>Chiba University</i> | | |
| | | Symposiu | ım Co-Organizer: | Tetsuro Yanaseko, <i>Kogakuin Univer</i> s | sity | |
| = | | | | | | |
| | | 1-4-1 Ener | gy harvesting and En | ergy devices (Technical Session) | | |
| | | | Session Schedule: | uesday, June 06, 2017 02:00 PM-03: | 30 PM | |
| | | | Session Sponsors | : | | |
| | | | Session Organize | r: Minoru Taya, <i>University of Washii</i> | ngton | |
| | | | ICMP2017-4325 | Mehrdad Ghasemi Nejhad | Final paper submitted | Technical Publication |
| | | | ICMP2017-4342 | Fumio Narita | Final paper submitted | Technical Publication |
| | | | ICMP2017-4419 | Takahiro sakai | Final paper submitted | Technical Publication |
| | | | | | | |
| | | 1-4-2 Mea | surement and Monit | coring (Technical Session) | | |
| | | | Session Schedule: T | uesday, June 06, 2017 11:00 AM-12: | 30 PM | |
| | | | Session Sponsors | ; | | |
| | | | Session Organize | r: Kentaro Takagi, <i>Nagoya Universit</i> | y | |
| | | | ICMP2017-4381 | Mohsen Shahinpoor | Final paper submitted | Technical Publication |
| | | | ICMP2017-4409 | Satoshi Kishimoto | Final paper submitted | Technical Publication |
| | | | ICMP2017-4436 | Hiroshi Asanuma | Abstract accepted | Oral Presentation |

| | 1-4-3 Shar | oe memory alloys and | d magnetostrictive alloys (Technical Sessi | <u>ion)</u> | | | |
|--------------|------------|--|--|-----------------------|-----------------------|--|--|
| | | Session Schedule: Wednesday, June 07, 2017 11:00 AM-12:30 PM | | | | | |
| | | Session Sponsors: | | | | | |
| | | Session Organizer: Fumio Narita, Tohoku Univ | | | | | |
| | | ICMP2017-4366 | Junpei Sakurai | Final paper submitted | Technical Publication | | |
| | | ICMP2017-4427 | Takahiro Yamazaki | Final paper submitted | Technical Publication | | |
| - | | | | | | | |
| | 1-4-4 Sens | ors and Actuators (T | echnical Session) | | | | |
| | | Session Schedule: T | uesday, June 06, 2017 03:45 PM-05: | :15 PM | | | |
| | | Session Sponsors | : | | | | |
| | | Session Organize | r: Junpei Sakurai, <i>Nagoya universit</i> | у | _ | | |
| | | ICMP2017-4440 | Minoru Taya | Abstract accepted | Oral Presentation | | |
| | | ICMP2017-4426 | Kentaro Takagi | Final paper submitted | Technical Publication | | |
| | | ICMP2017-4320 | Tetsuro Yanaseko | Final paper submitted | Technical Publication | | |
| | | | | | | | |
| 1-5 Novel Po | rous Mater | ials and their Applica | <u>tions</u> | | | | |
| | Symposiu | <i>ım Organizer:</i> Satı | oshi Kishimoto, <i>National Institute fo</i> | or Materials Science | | | |
| | Symposiu | ım Co-Organizer: | Yoshihiko Hangai, <i>Gunma Universit</i> y | у | | | |
| Ţ | -r | | | | | | |
| | 1-5-1 Addi | tive Manufacturing: | Processing & Materials (Technical Session | <u>on)</u> | | | |
| | | Session Description | : | | | | |
| | | This is a joint ses | sion with MSEC Session # 1-4-2 | | | | |
| | | Session Schedule: | hursday, June 08, 2017 09:15 AM-10 | D:45 AM | | | |

| | | | Session Sponsors | : | | | | | |
|---|---------------|------------|--|--|-----------------------|-----------------------|--|--|--|
| | | | Session Organize | r: Fu Zhao, <i>Purdue University</i> | | | | | |
| | | | Session Co-Organ | ession Co-Organizer: Lin Li, University of Illinois at Chicago | | | | | |
| | | | ICMP2017-4421 | Technical Publication | | | | | |
| | | | ICMP2017-4401 | Toshi-Taka Ikeshoji | Abstract accepted | Oral Presentation | | | |
| | | | | | | | | | |
| | 1-6 Metals ar | nd Metal M | atrix Composites | | | | | | |
| | | Symposiu | ım <i>Organizer:</i> Ger | Sasaki, <i>Hiroshima University</i> | | | | | |
| | | Symposiu | ım Co-Organizer: | Tetsuro Yanaseko, <i>Kogakuin Univer</i> s | sity | | | | |
| | | Symposiu | ım Co-Organizer: | Hiroshi Asanuma, <i>Chiba University</i> | | | | | |
| | | | | | | | | | |
| | | 1-6-1 Meta | als and Metal Matrix | Composites I (Technical Session) | | | | | |
| | | | Session Schedule: Wednesday, June 07, 2017 09:15 AM-10:45 AM | | | | | | |
| | | | Session Sponsors: | | | | | | |
| | | | Session Organize | r: Tetsuro Yanaseko, <i>Kogakuin Univ</i> | versity | | | | |
| | | | Session Co-Organ | nizer: Takahiro Ohashi, Kokushikan | University | | | | |
| _ | | | ICMP2017-4341 | Yongbum Choi | Final paper submitted | Technical Publication | | | |
| | | | ICMP2017-4349 | Kenjiro Sugio | Final paper submitted | Technical Publication | | | |
| | | | | | | | | | |
| | | 1-6-2 Meta | als and Metal Matrix | Composites II (Technical Session) | | | | | |
| | | | Session Schedule: V | Vednesday, June 07, 2017 04:00 PM- | -05:30 PM | | | | |
| | | | Session Sponsors | : | | | | | |
| | | | Session Organize | r: Kenjiro Sugio, <i>Hiroshima Universi</i> | ity | | | | |
| | | | Session Co-Organ | nizer: Yongbum Choi, Hiroshima uni | iversity | | | | |

| | | ICMP2017-4304 | Takahiro Ohashi | Final paper submitted | Technical Publication |
|-------|-------------|-----------------------------------|-------------------------------------|----------------------------------|-----------------------|
| | | ICMP2017-4321 | Tetsuro Yanaseko | Final paper submitted | Technical Publication |
| | 1 | l l | | I | l |
| | | 1-6-3 Scalable Nanomanufac | turing - 2 (Technical Session) | | |
| | | Session Description | on: | | |
| | | This is a joint se | ession with MSEC 2017 Session | on # 2-6-2 | |
| | | Session Schedule: | Tuesday, June 06, 2017 11: | 00 AM-12:30 PM | |
| | | Session Sponso | rs: | | |
| _ | | Session Organiz | er: Yong Gan, <i>California Sta</i> | te Polytechnic University, Pomon | а |
| 3 | | Session Co-Org | anizer: Rajiv Malhotra, <i>Oreg</i> | on State University | |
| | | ICMP2017-4351 | Gen Sasaki | Final paper submitted | Technical Publication |
| | | | | | • |
| Track | 2 Processi | ng | | | |
| | Track Orgai | nizer: Masaaki Otsu, <i>Unive</i> | ersity of Fukui | | |
| | Track Co-O | rganizer: Hiroshi Asanuma | , Chiba University | | |
| | Track Co-O | rganizer: Yukio Miyashita, | Nagaoka University of Techr | ology | |
| | Track Co-O | rganizer: Shinji Ogihara, 7 | okyo University of Science | | |
| | Track Co-O | rganizer: Satoshi Kishimot | o, National Institute for Mate | rials Science | |
| | 2-1 Advance | s in Processing of Polymer bas | ed Composites | | |
| | | Symposium Organizer: Sa | atoshi Kobayashi, <i>Tokyo Meti</i> | ropolitan University | |
| | | Symposium Co-Organizer | : Masahito Ueda, <i>Nihon Univ</i> | ersity | |
| | | Symposium Co-Organizer | : Asami Nakai, <i>Gifu Universi</i> | ty | |
| | | Symposium Co-Organizer | : Ryosuke Matsuzaki, <i>Tokyo</i> | University of Science | |
| | | Symposium Co-Organizer | : Hayato NAKATANI, <i>Osaka</i> (| City University | |

| | 2-1-1 Advances in Processing o | f Polymer based Composites 1 (Technica | al Session) | | | | |
|---|---|--|-----------------------|-----------------------|--|--|--|
| | Session Schedule: Monday, June 05, 2017 11:00 AM-12:30 PM | | | | | | |
| | Session Sponsors | Session Sponsors: Session Organizer: Ryosuke Matsuzaki, Tokyo University of Science | | | | | |
| | Session Organize | | | | | | |
| | Session Co-Organ | nizer: Satoshi Kobayashi, Tokyo Me | tropolitan University | | | | |
| | ICMP2017-4353 | Masato SAKAGUCHI | Final paper submitted | Technical Publication | | | |
| | ICMP2017-4363 | Maskai Ohishi | Abstract accepted | Oral Presentation | | | |
| 3 | ICMP2017-4333 | Shinji Ogihara | Abstract accepted | Oral Presentation | | | |
| | _ | | | | | | |
| | 2-1-2 Advances in Processing o | f Polymer based Composites 2 (Technica | al Session) | | | | |
| | Session Schedule: | Monday, June 05, 2017 02:00 PM-03: | 30 PM | | | | |
| | Session Sponsors | : | | | | | |
| | Session Organize | r: Norimichi Nanami, <i>Nihon Univers</i> | sity | | | | |
| | Session Co-Organ | nizer: Satoshi Kobayashi, <i>Tokyo Me</i> | tropolitan University | | | | |
| | ICMP2017-4368 | Keiji Ogi | Final paper submitted | Technical Publication | | | |
| | ICMP2017-4371 | Hayato NAKATANI | Final paper submitted | Technical Publication | | | |
| | ICMP2017-4383 | Junya Ishizuka | Final paper submitted | Technical Publication | | | |
| | _ | | | | | | |
| | 2-1-3 Advances in Processing o | f Polymer based Composites 3 (Technica | al Session) | | | | |
| | Session Schedule: | Monday, June 05, 2017 03:45 PM-05: | 15 PM | | | | |
| | Session Sponsors | : | | | | | |
| | Session Organize | r: Hayato NAKATANI, <i>Osaka City U</i> | niversity | | | | |
| | Session Co-Organ | nizer: Satoshi Kobayashi, <i>Tokyo Me</i> | tropolitan University | | | | |

| | | ICMP2017-4345 | Hiroyuki Yamada | Final paper submitted | Technical Publication | | |
|---|-----------------------|---------------------------|--|--|-----------------------|--|--|
| | | ICMP2017-4348 | Keisuke Iizuka | Final paper submitted | Technical Publication | | |
| | | ICMP2017-4379 | Daiki Ichikawa | Final paper submitted | Technical Publication | | |
| | | | | | | | |
| | 2-1-4 Adv | ances in Processing c | of Polymer based Composites 4 (Technica | l Session) | | | |
| | | Session Schedule: | Tuesday, June 06, 2017 09:15 AM-10: | 45 AM | | | |
| | | Session Sponsors | ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; | | | | |
| | | Session Organize | r: Satoshi Kobayashi, <i>Tokyo Metrop</i> | oolitan University | | | |
| | | Session Co-Organ | nizer: Asami Nakai, Gifu University | | | | |
| | | ICMP2017-4376 | Asami Nakai | Abstract accepted | Oral Presentation | | |
| | | ICMP2017-4384 | Taishi Nakamura | Final paper submitted | Technical Publication | | |
| | | ICMP2017-4394 | Kohji Suzuki | Abstract accepted | Oral Presentation | | |
| ' | | | | <u>, </u> | | | |
| ļ | 2-2 Powder Metallurgy | Materials and Proces | sing | | | | |
| | Symposiu | um Organizer: Kat | suyoshi Kondoh, <i>Osaka University</i> | | | | |
| | 2-2-1 Non | - -traditional Manufac | turing Processes -4 (Technical Session) | | | | |
| | | Session Description | : | | | | |
| | | This is a joint ses | sion with MSEC 2017 Session # 2-4 | -4 | | | |
| | | Session Schedule: \ | Wednesday, June 07, 2017 09:15 AM- | -10:45 AM | | | |
| | | Session Sponsors: | | | | | |
| | | Jession Sponsors |) · | | | | |
| | | · | <i>r:</i> Zhigang Wang, <i>MAKINO INC.</i> | | | | |
| | | Session Organize | | cinnati | | | |

| | 2-3 Processing Advanced Casting and Semisolid Forming Techniques | | | | | | |
|---|--|--------------------------------|---------------------------------------|---|-----------------------|--|--|
| | | | shio Haga, <i>Osaka Institute ot</i> | f Technology | | | |
| | | | | | | | |
| | | 2-3-1 Processing advanced cas | ting and forming (Technical Sess | <u></u> | | | |
| | | | Monday, June 05, 2017 11:0 0 | | | | |
| | | Session Sponsors | S: | | | | |
| | | Session Organize | er: Hisaki Watari, <i>Tokyo Den</i> | ki University | | | |
| | | Session Co-Organ | nizer: Takahiro Ohashi, <i>Koku</i> | ushikan University | | | |
| | | ICMP2017-4308 | Yoshio FUKUSHIMA | Final paper submitted | Technical Publication | | |
| | | ICMP2017-4332 | Toshio Haga | Final paper submitted | Technical Publication | | |
| | | ICMP2017-4385 | HISAKI WATARI | Abstract accepted | Oral Presentation | | |
| | • | <u> </u> | | - | | | |
| | 2-4 Surface M | odification Technology, Wear | and Tribology | | | | |
| | 3 | Symposium Organizer: Nac | oto Ohtake, <i>Tokyo Institute</i> o | of Technology | | | |
| | 5 | Symposium Co-Organizer: | Hatsuhiko USAMI, <i>Meijo Uni</i> | iversity | | | |
| | 5 | Symposium Co-Organizer: | Hiroki Akasaka, <i>Tokyo Instit</i> | tute of Technology | | | |
| | 5 | Symposium Co-Organizer: | Masanori Hiratsuka, Nanote | c Corporation | | | |
| = | | | | | | | |
| | - | 2-4-1 Surface Modification Ted | chnology (Technical Session) | | | | |
| | | Session Description | | | | | |
| | | | | les an attractive alternative for r ance and functionalizing surface | | | |
| | | | Monday, June 05, 2017 02:00 | | | | |
| | | Session Sponsors | S: | | | | |
| | | Socian Organiza | er: Hiroki Akasaka, <i>Tokyo In</i> s | stitute of Tachnalagy | | | |

| | | Session Co-Organ | nizer: Yuko Aono, <i>Tokyo Institute o</i> | f Technology | | | | |
|---|----------------------|---|--|------------------------|-----------------------|--|--|--|
| | | ICMP2017-4354 | Yuko Aono | Final paper submitted | Technical Publication | | | |
| | | ICMP2017-4431 | Ryota Takamura | Abstract accepted | Oral Presentation | | | |
| | | | | | | | | |
| | 2-4-2 Sur | face modification Tec | hnology, Wear and Triboligy (Technical S | Session) | | | | |
| | | Session Schedule: | Monday, June 05, 2017 03:45 PM-05: | 15 PM | | | | |
| | | Session Sponsors: | | | | | | |
| | | Session Organizer: Yuko Aono, Tokyo Institute of Technology | | | | | | |
| | | Session Co-Orgai | nizer: Hiroki Akasaka, <i>Tokyo Institu</i> | ite of Technology | | | | |
| | | ICMP2017-4326 | Anibal Faruk Abedrabbo Hazbun | Abstract accepted | Oral Presentation | | | |
| | | ICMP2017-4352 | Kazuki ENOMOTO | Abstract accepted | Oral Presentation | | | |
| 3 | | | elding and Joining Technology aki Sato, <i>Tokyo Institute of Technol</i> | logy | | | | |
| | <u>-</u> 2-5-1 Me | chanics of advanced v | welding and joining technology (Technica | al Session) | | | | |
| | | | Monday, June 05, 2017 02:00 PM-03: | | | | | |
| | | Session Sponsors | 5: | | | | | |
| | | Session Organize | r: Masaaki Otsu, <i>University of Fuku</i> | ıi | | | | |
| | | Session Co-Organ | nizer: Yukio Miyashita, <i>Nagaoka Uni</i> | iversity of Technology | | | | |
| | | ICMP2017-4373 | Tsuyoshi Takahashi | Abstract accepted | Oral Presentation | | | |
| | | ICMP2017-4448 | H.J. Liu | Abstract accepted | Oral Presentation | | | |
| | | <u> </u> | | <u> </u> | <u> </u> | | | |
| | | | <u> </u> | <u> </u> | | | | |

| | | | Session Schedule: Monday, June 05, 2017 03:45 PM-05:15 PM | | | | | |
|---|--------------|--------------|---|---|-------------------------|-----------------------|--|--|
| | | | Session Sponsors | ; | | | | |
| | | | Session Organize | Session Organizer: Masaaki Otsu, <i>University of Fukui</i> | | | | |
| | | | Session Co-Organ | nizer: Yukio Miyashita, <i>Nagaoka Uni</i> | versity of Technology | | | |
| | | | ICMP2017-4396 | Yukio Miyashita | Final paper submitted | Technical Publication | | |
| | | | ICMP2017-4413 | Yuichi Otsuka | Abstract accepted | Oral Presentation | | |
| | | | | | | | | |
| | 2-6 Advance | d Processing | B | | | | | |
| | | Symposiu | ım <i>Organizer:</i> Sat | oshi Kishimoto, <i>National Institute fo</i> | r Materials Science | | | |
| | | | | | | | | |
| | | 2-6-1 Forn | ning Processes - 5 (Te | echnical Session) | | | | |
| | | | Session Description | : | | | | |
| | | | This is a joint ses | sion with MSEC 2017 Session # 2-5 | -5 | | | |
| | | | Session Schedule: \ | Vednesday, June 07, 2017 02:15 PM- | -03:45 PM | | | |
| | | | Session Sponsors | : | | | | |
| | | | Session Organize | r: Rajiv Malhotra, <i>Oregon State Uni</i> | versity | | | |
| | | | Session Co-Orgai | nizer: Ziqiang Sheng, GM | | | | |
| | | | Session Co-Orgai | nizer: Katsuyoshi Kondoh, <i>Osaka Ur</i> | niversity | | | |
| | | | ICMP2017-4386 | HISAKI WATARI | Abstract accepted | Oral Presentation | | |
| | | | ICMP2017-4359 | Yoshihiko Hangai | Final paper submitted | Technical Publication | | |
| | | | | | | | | |
| _ | 2-7 Cutting, | Forming and | d Joining of Tradition | al and Advanced Materials | | | | |
| | | Symposiu | ım Organizer: Mas | saaki Otsu, <i>University of Fukui</i> | | | | |
| | | Symposic | ım Co-Organizer: | Satoshi Kishimoto, <i>National Institut</i> | e for Materials Science | | | |

| | Symposiui | Symposium Co-Organizer: Kazuhiko Kitamura, Japan/Nagoya Institute of Technology | | | | | | |
|---------------|--|---|---|--------------------------|-----------------------|--|--|--|
| | Symposiui | Symposium Co-Organizer: Ryo Matsumoto, Osaka University | | | | | | |
| | Symposium Co-Organizer: Masato Okada, <i>University of Fukui</i> | | | | | | | |
| | Symposiui | m Co-Organizer: | Tsuyoshi Furushima, <i>The University</i> | of Tokyo | | | | |
| | Symposiui | m Co-Organizer: | Tetsuhide Shimizu, <i>Tokyo Metropolit</i> | tan University | | | | |
| | Symposiui | m Co-Organizer: | Ming Yang, <i>Tokyo Metropolitan Univ</i> | ersity | | | | |
| | Symposiui | m Co-Organizer: | Toshiaki Yasui, <i>Toyohashi University</i> | of Technology | | | | |
| | | - | | | | | | |
| | 2-8-1 Form | ing (Technical Sessic | <u>on)</u> | | | | | |
| | : | Session Schedule: T | uesday, June 06, 2017 11:00 AM-12: | 30 PM | | | | |
| | | Session Sponsors | • | | | | | |
| | Session Organizer: Masaaki Otsu, University of Fukui | | | | | | | |
| | | Session Co-Organ | izer: Kazuhiko Kitamura, Japan/Nag | goya Institute of Techno | logy | | | |
| | | ICMP2017-4374 | Kazuhiko Kitamura | Final paper submitted | Technical Publication | | | |
| | | ICMP2017-4346 | Masaaki Kimura | Final paper submitted | Technical Publication | | | |
| | _ | | | | | | | |
| 2-8 Dieless/D | ie Free Met | al Forming Process | | | | | | |
| | Symposium Organizer: Masaaki Otsu, University of Fukui | | | | | | | |
| | Symposiui | Symposium Co-Organizer: Ryutaro Hino, Hiroshima University | | | | | | |
| | Symposiui | Symposium Co-Organizer: Tsuyoshi Furushima, The University of Tokyo | | | | | | |
| | Symposiui | m Co-Organizer: | Hirohiko Arai, <i>National Institute of A</i> | dvanced Industrial Scier | nce and Technology | | | |
| | Symposiul | m Co-Organizer: | Satoshi Kishimoto, <i>National Institute</i> | e for Materials Science | | | | |
| | | | | | | | | |
| | 2-9-1 Diele | ss/die free metal for | ming process (Technical Session) | | | | | |
| | Symposiul Symposiul Symposiul Symposiul | m Co-Organizer: m Co-Organizer: m Co-Organizer: m Co-Organizer: | Ryutaro Hino, <i>Hiroshima University</i> Tsuyoshi Furushima, <i>The University</i> Hirohiko Arai, <i>National Institute of A</i> Satoshi Kishimoto, <i>National Institute</i> | dvanced Industrial Scier | nce and Technology | | | |

| | | Session Schedule: | Tuesday, June 06, 2017 09:15 AM-10: | 45 AM | | | | |
|------|-------------|--|---|-------------------------|-----------------------|--|--|--|
| | | Session Sponsors | Session Sponsors: | | | | | |
| | | Session Organize | Session Organizer: Masaaki Otsu, University of Fukui | | | | | |
| | | Session Co-Orga | Session Co-Organizer: Tsuyoshi Furushima, The University of Tokyo | | | | | |
| | | ICMP2017-4360 | Tsuyoshi Furushima | Abstract accepted | Oral Presentation | | | |
| | | ICMP2017-4388 | Masaaki Otsu | Final paper submitted | Technical Publication | | | |
| | | ICMP2017-4404 | Masaaki Itabashi | Abstract accepted | Oral Presentation | | | |
| | | | | • | | | | |
| rack | 3 Measure | ement and evaluation | | | | | | |
| | Track Orga | nizer: Yukio Miyashita, <i>Nag</i> a | aoka University of Technology | | | | | |
| | Track Co-O | <i>rganizer:</i> Wataro Nakao, <i>Yo</i> | kohama National University | | | | | |
| | Track Co-O | k Co-Organizer: Hiroshi Asanuma, Chiba University | | | | | | |
| | Track Co-O | k Co-Organizer: Shinji Ogihara, Tokyo University of Science | | | | | | |
| | 3-2 Dynamic | mic Behavior of Materials and Structures | | | | | | |
| | | Symposium Organizer: Masaaki Itabashi, Tokyo University of Science, Suwa | | | | | | |
| | | Symposium Co-Organizer: | Hidetoshi Kobayashi, Osaka Univers | ity | | | | |
| = | | Symposium Co-Organizer: | Tadaharu Adachi, Toyohashi Univers | sity of Technology | | | | |
| | | | | | | | | |
| | | 3-2-1 Dynamic Behavior of Materials and Structures - I (Technical Session) | | | | | | |
| | | Session Schedule: Tuesday, June 06, 2017 11:00 AM-12:30 PM | | | | | | |
| | | Session Sponsors | S: | | | | | |
| | | Session Organize | er: Hidetoshi Kobayashi, <i>Osaka Unive</i> | ersity | | | | |
| | | Session Co-Orga | nizer: Masaaki Itabashi, <i>Tokyo Unive</i> | ersity of Science, Suwa | | | | |
| | | ICMP2017-4424 | Ken-ichi Tanigaki | Final paper submitted | Technical Publication | | | |

| | ICMP2017-4433 | Tsutomu Umeda | Final paper submitted | Technical Publication | | | | |
|----------------------|--|--|-----------------------|-----------------------|--|--|--|--|
| | ICMP2017-4330 | Keitaro Horikawa | Final paper submitted | Technical Publication | | | | |
| 1 | • | | 1 | | | | | |
| 3-2-2 Dyn | namic Behavior of Ma | terials and Structures - II (Technical Sessi | on) | | | | | |
| | Session Schedule: | Гuesday, June 06, 2017 02:00 РМ-03 | :30 PM | | | | | |
| | Session Sponsors | 5: | | | | | | |
| | Session Organize | r: Masaaki Itabashi, <i>Tokyo Universi</i> | ity of Science, Suwa | | | | | |
| | Session Co-Organ | nizer: Tsutomu Umeda, <i>Osaka Prefe</i> | ecture University | | | | | |
| | ICMP2017-4418 | Norihide Abe | Final paper submitted | Technical Publication | | | | |
| | ICMP2017-4391 | Tadayoshi Shoyama | Final paper submitted | Technical Publication | | | | |
| | ICMP2017-4425 | Hidetoshi Kobayashi | Final paper submitted | Technical Publication | | | | |
| | | | | | | | | |
| 3-3 Measurement Tech | niques and Nondestr | uctive Evaluations for Materials, Structur | res and Processing | | | | | |
| Symposi | Symposium Organizer: Ikuo Ihara, Nagaoka Univ Of Tech | | | | | | | |
| Symposi | Symposium Co-Organizer: Koji Fujimoto,, The University of Tokyo | | | | | | | |
| Symposi | Symposium Co-Organizer: Hideo Cho, Aoyama Gakuin University | | | | | | | |
| Symposi | Symposium Co-Organizer: Hironori Tohmyoh, Tohoku Univ | | | | | | | |
| Symposi | Symposium Co-Organizer: Tatsuro Kosaka, Kochi University of Technology | | | | | | | |
| Symposi | Symposium Co-Organizer: Yoji Okabe, The University of Tokyo | | | | | | | |
| <u>.</u> | | | | | | | | |
| 3-3-1 Me | asurements and Non | destructive Evaluations-1 (Technical Sess | ion) | | | | | |
| | Session Schedule: | Tuesday, June 06, 2017 03:45 PM-05 | :15 PM | | | | | |
| | Session Sponsors | 5: | | | | | | |
| · | Session Sponsors: | | | | | | | |

| | Session Co-Orgai | Session Co-Organizer: Yoshinao Kishimoto, Tokyo City University | | | |
|---------|---|--|-----------------------------|--|--|
| | ICMP2017-4309 | Hironori Tohmyoh | Abstract accepted | Oral Presentation | |
| | ICMP2017-4323 | Hideo Cho | Final paper submitted | Technical Publication | |
| | ICMP2017-4336 | Masanori ABE | Final paper submitted | Technical Publication | |
| | | • | | • | |
| 3-3-2 M | echanical Properties a | nd Strength (Technical Session) | | | |
| | Session Schedule: | Wednesday, June 07, 2017 02:15 PM | -03:45 PM | | |
| | Session Sponsors | S: | | | |
| | Session Organize | er: Masaaki Itabashi, <i>Tokyo Universi</i> | ty of Science, Suwa | | |
| | Session Co-Organ | nizer: Kazuya Mori, <i>Kumamoto Univ</i> | versity | | |
| | ICMP2017-4311 | Yasuhiro Yamazaki | Final paper submitted | Technical Publication | |
| | ICMP2017-4315 | Shinji Hashimura | Final paper submitted | Technical Publication | |
| | | | | | |
| | <u>ICMP2017-4390</u> | Moriyasu Kanari | Final paper submitted | Technical Publication | |
| | ICMP2017-4390 | Moriyasu Kanari | Final paper submitted | Technical Publication | |
| 3-3-5 M | | Moriyasu Kanari destructive Evaluations-3 (Technical Sess | | Technical Publication | |
| 3-3-5 M | easurements and Non | | i <u>on)</u> | Technical Publication | |
| 3-3-5 M | easurements and Non | destructive Evaluations-3 (Technical Sess Wednesday, June 07, 2017 09:15 AM | i <u>on)</u> | Technical Publication | |
| 3-3-5 M | Session Schedule: Session Sponsors | destructive Evaluations-3 (Technical Sess Wednesday, June 07, 2017 09:15 AM | i <u>on)</u> -10:45 AM | Technical Publication | |
| 3-3-5 M | Session Schedule: Session Sponsors Session Organize | destructive Evaluations-3 (Technical Sess Wednesday, June 07, 2017 09:15 AM | ion) -10:45 AM ersity | Technical Publication | |
| 3-3-5 M | Session Schedule: Session Sponsors Session Organize | destructive Evaluations-3 (Technical Sess Wednesday, June 07, 2017 09:15 AM s: er: Hideo Cho, Aoyama Gakuin Unive | ion) -10:45 AM ersity | Technical Publication Technical Publication | |
| 3-3-5 M | Session Schedule: Session Sponsors Session Organize Session Co-Organ | destructive Evaluations-3 (Technical Sess Wednesday, June 07, 2017 09:15 AM s: er: Hideo Cho, Aoyama Gakuin University of | ion) -10:45 AM ersity Tech | | |

| | | | Session Schedule: Wednesday, June 07, 2017 11:00 AM-12:30 PM | | | | | | |
|------|-------------|---|--|---|-----------------------|-----------------------|--|--|--|
| | | | Session Sponsors: | | | | | | |
| | | | Session Organizer: Hironori Tohmyoh, Tohoku Univ | | | | | | |
| | | | Session Co-Organ | ession Co-Organizer: Ikuo Ihara, Nagaoka Univ Of Tech | | | | | |
| | | | ICMP2017-4312 | Taizoh Yamamoto | Abstract accepted | Oral Presentation | | | |
| | | | ICMP2017-4392 | Kazuya Mori | Final paper submitted | Technical Publication | | | |
| | | | ICMP2017-4316 | Yoshinao Kishimoto | Final paper submitted | Technical Publication | | | |
| | | | | | • | • | | | |
| rack | 4 Recent T | rends in | Materials and Pi | rocessing | | | | | |
| | Track Orgai | <i>nizer:</i> Sato | oshi Kishimoto, <i>Na</i> | tional Institute for Materials Sc | rience | | | | |
| | Track Co-O | rganizer: | Hiroshi Asanuma, | Chiba University | | | | | |
| | Track Co-O | Co-Organizer: Shinji Ogihara, Tokyo University of Science | | | | | | | |
| | Track Co-O | rack Co-Organizer: Yukio Miyashita, Nagaoka University of Technology | | | | | | | |
| | | | | | | | | | |
| | 4-1 Advance | s in Traditio | nal Manufacturing P | rocesses | | | | | |
| | | Symposium Organizer: Hiroyuki Hamada, Kyoto Institute of Technology Kyoto Institute of Technology | | | | | | | |
| | | Symposium Co-Organizer: Akihiko GOTO, Osaka Sangyo University | | | | | | | |
| | | Symposium Co-Organizer: Hayato NAKATANI, Osaka City University | | | | | | | |
| | | Symposiu | mposium Co-Organizer: Norimichi Nanami, Nihon University | | | | | | |
| | | 4-1-1 Scie | Science of craftsmanship I (Technical Session) | | | | | | |
| | | | Session Description | : | | | | | |
| | | | Analysis of crafts | manship | | | | | |
| | | | Session Schedule: | Vednesday, June 07, 2017 11:0 | 0 AM-12:30 PM | | | | |
| | | | Session Sponsors | : | | | | | |

| | | Session Organizer: Hayato NAKATANI, Osaka City University | | | | | | |
|---|-------------|---|--|-----------------------|-----------------------|--|--|--|
| | | Session Co-Organ | Session Co-Organizer: Norimichi Nanami, Nihon University | | | | | |
| | | ICMP2017-4358 | Norimichi Nanami | Abstract accepted | Oral Presentation | | | |
| | | ICMP2017-4364 | Norimichi Nanami | Abstract accepted | Oral Presentation | | | |
| | | ICMP2017-4361 | Norimichi Nanami | Final paper submitted | Technical Publication | | | |
| | | | | | | | | |
| | 4-1-3 Proc | essing I (Technical Se | ession) | | | | | |
| | | Session Description: | | | | | | |
| | | Processing for me | tals, ceramics, and polymers | | | | | |
| | | Session Schedule: V | Session Schedule: Wednesday, June 07, 2017 04:00 PM-05:30 PM | | | | | |
| | | Session Sponsors | : | | | | | |
| | | Session Organizer | r: Hiroyuki HAMADA, <i>Kyoto Institute</i> | e of Technology | | | | |
| | | Session Co-Organ | nizer: Hayato NAKATANI, <i>Osaka Cit</i> y | / University | | | | |
| | | ICMP2017-4400 | TINU P SAJU | Final paper submitted | Technical Publication | | | |
| | | ICMP2017-4344 | Sangwon Lee | Final paper submitted | Technical Publication | | | |
| _ | | ICMP2017-4357 | Hayato NAKATANI | Final paper submitted | Technical Publication | | | |
| | | | | | | | | |
| | 4-1-7 Scier | nce of craftsmanship | II (Technical Session) | | | | | |
| | | Session Description: | | | | | | |
| | | comparison in skil | I between experts and non-experts | | | | | |
| | | Session Schedule: V | Vednesday, June 07, 2017 02:15 PM- | 03:45 PM | | | | |
| | | Session Sponsors | : | | | | | |
| | | Session Organizei | : Norimichi Nanami, <i>Nihon Universi</i> | ity | | | | |
| | | Session Co-Organ | nizer: Hiroyuki HAMADA, <i>Kyoto Insti</i> | itute of Technology | | | | |

| | ICMP2017-4328 | Zhiyuan Zhang | Abstract accepted | Oral Presentation | | | | |
|---------|--|--|----------------------------|------------------------|--|--|--|--|
| | | | · | | | | | |
| | ICMP2017-4370 | Norimichi Nanami | Abstract accepted | Oral Presentation | | | | |
| | <u>ICMP2017-4365</u> | Norimichi Nanami | Final paper submitted | Technical Publication | | | | |
| | | | | | | | | |
| 4-2 Sma | art Disaster Prevention/Mitigation B | ased on Novel Materials/Devices/Structu | <u>ires/Systems</u> | | | | | |
| | Symposium Organizer: Hir | oshi Asanuma, <i>Chiba University</i> | | | | | | |
| | Symposium Co-Organizer: | Mehrdad Ghasemi Nejhad, Univ Of | Hawaii | | | | | |
| | Symposium Co-Organizer: | Mohsen Shahinpoor, University Of | Maine | | | | | |
| | Symposium Co-Organizer: | Ji Su, <i>NASA Langley Research Cen</i> | ter | | | | | |
| | Symposium Co-Organizer: and Centro Fermi | Antonio Paolozzi, <i>Scuola Di Ingegn</i> | eria Aerospaziale - Sapiel | nza University of Rome | | | | |
| | | Lloyd Hihara, <i>University of Hawaii</i> | at Manoa | | | | | |
| | Symposium Co-Organizer: | Symposium Co-Organizer: Ferdinando Felli, Sapienza University of Rome | | | | | | |
| | Symposium Co-Organizer: | Symposium Co-Organizer: Sontipee Aimanee, King Mongkut's University of Technology Thonburi | | | | | | |
| | Symposium Co-Organizer: | Chaiwat Ekkawatpanit, King Mongk | kut's University of Techno | ology Thonburi | | | | |
| | Symposium Co-Organizer: | Symposium Co-Organizer: Cristian Vendittozzi,, Universidade de Brasilia | | | | | | |
| | Symposium Co-Organizer: Giancarlo Santilli, Universidade de Brasilia | | | | | | | |
| | Symposium Co-Organizer: | Symposium Co-Organizer: Carolyn Dry, Natural Process Desgin Inc | | | | | | |
| | Symposium Co-Organizer: | Guirong Yan, Missouri University of | f Science and Technology | , | | | | |
| | Symposium Co-Organizer: | Kyoichi Nakayasu, <i>Hitachi Zosen C</i> | orporation | | | | | |
| | Symposium Co-Organizer: | Yasubumi Furuya, Tohoku Universi | ity | | | | | |
| | Symposium Co-Organizer: | Satoshi Kishimoto, National Institu | te for Materials Science | | | | | |
| | Symposium Co-Organizer: | Gaku Tanaka, <i>Chiba University</i> | | | | | | |
| | Symposium Co-Organizer: | Tetsuro Yanaseko, Kogakuin Unive | rsity | | | | | |
| | 4-2-1 Novel evaluation metho | d (Technical Session) | | | | | | |

| | Session Schedule: | Wednesday, June 07, 2017 oz | 2:15 PM-03:45 PM | |
|--------------|-----------------------|--------------------------------------|------------------------------------|-----------------------|
| | Session Sponsors | 5: | | |
| | Session Organize | r: Kyoichi Nakayasu, <i>Hitachi</i> | Zosen Corporation | |
| | ICMP2017-4380 | Mohsen Shahinpoor | Final paper submitted | Technical Publication |
| | ICMP2017-4430 | Hiroshi Asanuma | Abstract accepted | Oral Presentation |
| | ICMP2017-4439 | Satoshi Kishimoto | Final paper submitted | Technical Publication |
| <u>.</u> | | | • | • |
| 4-2-2 Sen | sors and Devices 1 (T | echnical Session) | | |
| | Session Schedule: | Wednesday, June 07, 2017 o4 | :00 PM-05:30 PM | |
| | Session Sponsors | S: | | |
| | Session Organize | r: Mohsen Shahinpoor, <i>Unive</i> | ersity Of Maine | |
| | ICMP2017-4389 | Kyoichi Nakayasu | Final paper submitted | Technical Publication |
| | ICMP2017-4445 | Cristian Vendittozzi, | Final paper submitted | Technical Publication |
| | ICMP2017-4437 | Hiroshi Sato | Abstract accepted | Oral Presentation |
| • | | | • | • |
| 4-2-3 Sen | sors and Devices 2 (T | echnical Session) | | |
| | Session Schedule: | Thursday, June 08, 2017 09:1 | 5 AM-10:45 AM | |
| | Session Sponsors | 5: | | |
| | Session Organize | r: Satoshi Kishimoto, <i>Nationa</i> | al Institute for Materials Science | 9 |
| | Session Co-Organ | nizer: Tetsuro Yanaseko, <i>Kog</i> | akuin University | |
| | ICMP2017-4327 | Cristian Vendittozzi, | Final paper submitted | Technical Publication |
| | ICMP2017-4406 | Tetsuro Yanaseko | Final paper submitted | Technical Publication |
| | ICMP2017-4435 | Hiroshi Asanuma | Abstract accepted | Oral Presentation |

| Track | Track 5 Poster : Scheduled Tuesday June 6 7-9 Pm | | | | |
|-------|--|--|--|--|--|
| | Track Organizer: Satoshi Kishimoto, National Institute for Materials Science | | | | |
| | Track Co-Organizer: Hiroshi Asanuma, Chiba University | | | | |
| | Track Co-Organizer: Yukio Miyashita, Nagaoka University of Technology | | | | |
| | Track Co-Organizer: Shinji Ogihara, Tokyo University of Science | | | | |