

## 32<sup>nd</sup> ISTS Program Subcommittee Members' List

### a) Session (Chemical Propulsion and Air-breathing Engines)

Chairperson of the Committee	Kenichi TAKAHASHI	Nihon University
Co-Chairperson	Osamu IMAMURA	Nihon University
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	Yu DAIMON	JAXA
	Daisuke NAKATA	Muroran Institute of Technology
	Ken MATSUOKA	Nagoya University
	Hiroki MATSUNAGA	Fukuoka University
	Kengo YAMAMOTO	IHI Aerospace
	Cheng HUANG	University of Michigan
	Justin HARDI	DLR
	Filippo MAGGI	Politecnico di Milano

### b) Session (Electric and Advanced Propulsion)

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	Akira IWAKAWA	Nagoya University
	Hiroshi KATSURAYAMA	Yamaguchi University
	Kenichi KUBOTA	JAXA
	Yoshinori TAKAO	Yokohama National University
	Hiroyuki NISHIDA	Tokyo Univ. of Agriculture and Technology
	Hiroki WATANABE	Tokyo Metropolitan University
	Wonho CHOE	KAIST
	Carsten SCHARLEMANN	Fachhochschule Wiener Neustadt
	Tony SCHÖNHERR	ENPULSION GmbH
	Guangqing XIA	Dalian University of Technology

### c) Session (Materials and Structures)

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Co-Chairperson	Hiroaki TANAKA	National Defense Academy
	Takeshi AKITA	Chiba Institute of Technology
	Atsuhiko SENBA	Meijo University
	Shin-ichi TAKEDA	JAXA
	Ryousuke MATSUZAKI	Tokyo University of Science
	Akinori YOSHIMURA	Nagoya University

**d) Session (Astrodynamics, Navigation, Guidance and Control)**

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	Hirohisa KOJIMA	Tokyo Metropolitan University
	Takeya SHIMA	MELCO
	Katsuhiko YAMADA	Osaka University
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**e) Session (Fluid Dynamics and Aero-themodynamics)**

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	Hiroshi KATSURAYAMA	Yamaguchi University
	Katsuyoshi FUKIBA	Shizuoka University
	Atsushi MATSUDA	Meijo University
	Takashi MATSUNO	Tottori University
	Yusuke MARU	JAXA

**f) Session (Small Satellite) Joint Session with NSAT**

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	Saburo MATSUNAGA	Tokyo Institute of Technology
	Norihide MIYAMURA	Meisei University

**g) Session (Space Transportation)**

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	Koji KANETAKE	MHI
	Koki KITAGAWA	JAXA
	Kazuhide MIZOBATA	Muroran Institute of Technology
	Atsushi MURAKAMI	IHI Aerospace

**h) Session (Microgravity Science and Technology)**

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	Masato SAKURAI	JAXA
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**i) Session (Thermal Control)**

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**j) Session (Satellite Communications, Broadcasting and Navigation)**

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	Ryutaro SUZUKI	NICT
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	Kosuke YAMAZAKI	KDDI Research, Inc.
	Fumihiko YAMASHITA	NTT Access Network Service Systems Laboratories

**k) Session (Science and Technology for Human and Robotic Space Exploration)**

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	Hiroki NAGAI	Tohoku University
	Naru HIRATA	The University of Aizu
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**m) Session (Sounding Rocket, Balloon and Flight Experiment using Small Flight Vehicle)**

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**n) Session (Earth Observation)**

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**p) Session (Space Life Science)**

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**q) Session (Space Power Systems)**

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**r) Session (Space Environment and Debris)**

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	Hirokazu MASUI	Kyushu Institute of Technology
	Hidehiro HATA	Kumamoto University

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	Yohsuke NAMBU	Osaka Prefecture University

**u) Session (Space Education and Outreach for the Benefit of All People)**

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	Akemi KUROTANI	JAXA
	Toshiaki TAKEMAE	JAXA
	Hiroshi HIRAYAMA	Akita University
	Makoto YOSHIKAWA	JAXA
	Jim HEFKEY	University of Auckland

**v) Session (Space Law, Policy and International Cooperation)**

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	Shuji ARAKI	JAXA
	Koji OGA	JAMSS
	Hiroyuki SHINDO	JAXA