

IAW2013/JABN6 Workshop Findings

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IAW2013 Statistics (1/2)

- Total Registrants/Participants: 157 (115) (>200% JABN5!!)
- Institution Breakdowns:
 - > Universities 65
 - > JAXA/ISAS 33
 - > JAMSTEC 15
 - > ELSI 6
 - > Companies 6
 - > NAOJ 4
 - > Other Institutions 26 (NASA, DLR, etc.)
- ➔ The ISAS Director-General attended all three days
- International Participants 23
- Number of Nationalities: 8 (China, France, Germany, Korea, Japan, Mexico, Russia, USA)

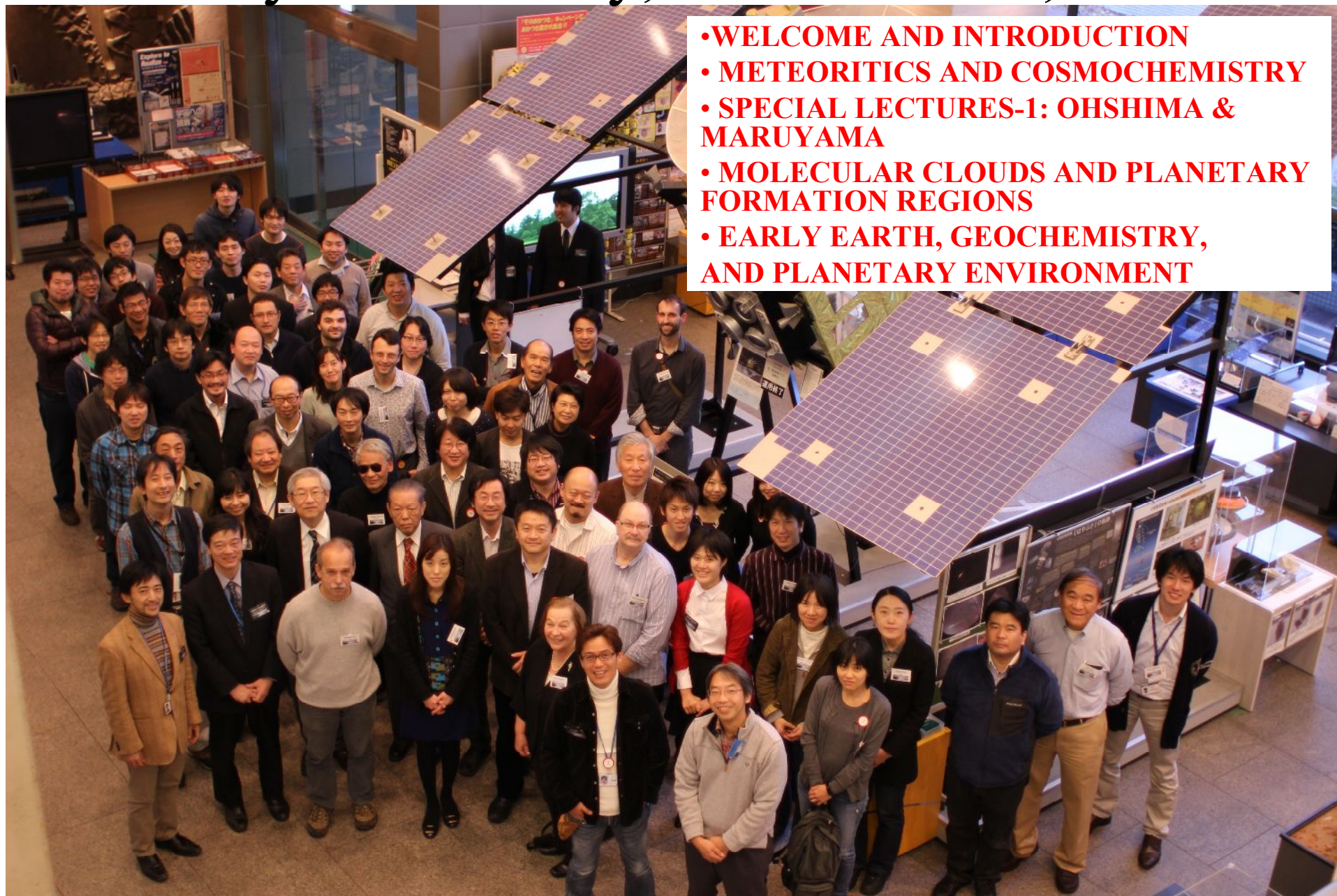
IAW2013 Statistics (2/2)

- Organized Sessions: 7 (7)
 - ➔ Excellent storylines designed by respective session organizers
- Oral Session Presentations: 45 (45)
- Poster Presentations: 15 (17)

- Special Talks & Webcast Talk: 5 (6)
 - ➔ “Fathers” of Japanese astrobiology gathered all together
 - ➔ Successful webcast talk and panel participation from NASA under international travel constraints
- Number of Panelists: 6 (6)
 - ➔ American, European and Japanese are covered
 - ➔ Scientists, engineers and exploration manager on one table

- Number of Paid Guests of the Reception: 54 (50)

Day-1: Thursday, November 28, 2013



- WELCOME AND INTRODUCTION
- METEORITICS AND COSMOCHEMISTRY
- SPECIAL LECTURES-1: OHSHIMA & MARUYAMA
- MOLECULAR CLOUDS AND PLANETARY FORMATION REGIONS
- EARLY EARTH, GEOCHEMISTRY, AND PLANETARY ENVIRONMENT

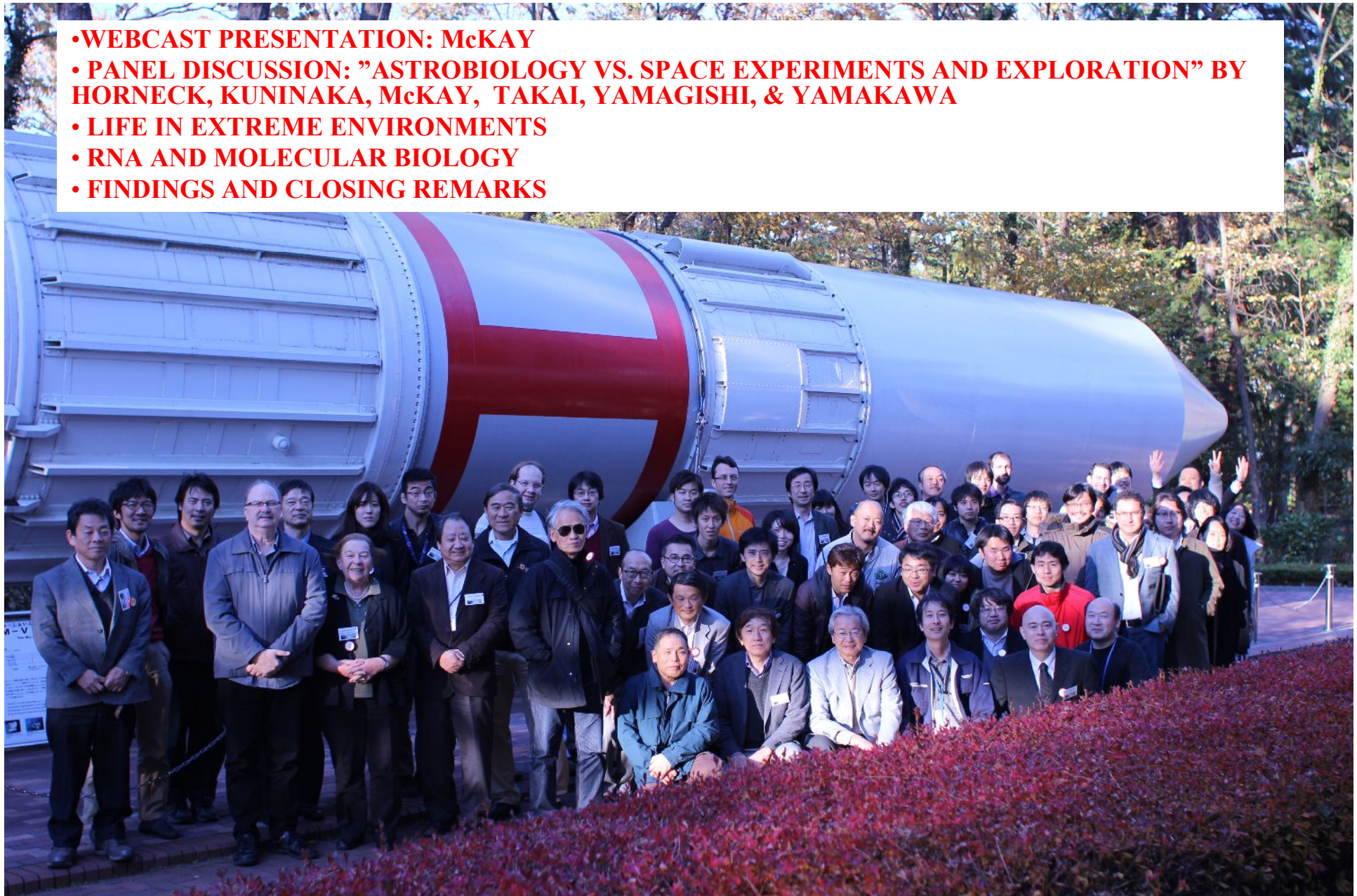
Day-2: Friday, November 29, 2013



- SOLAR SYSTEM EXPLORATION AND EXPERIMENTS (SCIENCE, MISSION DESIGNS, INSTRUMENTS, AND ENABLING TECHNOLOGIES)
- SPECIAL LECTURES-2: KAIFU & HIROSE
- EXOPLANETARY SYSTEMS AND EXOPLANETS (THEORIES, MODELS, AND OBSERVATIONS)
- POSTER SESSION-CORE TIME
- RECEPTION AT THE ISAS DINING HALL

Day-3: Saturday, November 30, 2013

- **WEBCAST PRESENTATION: McKAY**
- **PANEL DISCUSSION: "ASTROBIOLOGY VS. SPACE EXPERIMENTS AND EXPLORATION" BY HORNECK, KUNINAKA, McKAY, TAKAI, YAMAGISHI, & YAMAKAWA**
- **LIFE IN EXTREME ENVIRONMENTS**
- **RNA AND MOLECULAR BIOLOGY**
- **FINDINGS AND CLOSING REMARKS**



Panel Discussion Outcomes

- “Astrobiology Is Not a New Discipline; It Is an Interdisciplinary Quest among Existing Scientific Fields”. (Moderator’s Icebreaker Remark)

- **High Priority Actions for Astrobiology Space Program:**

- > Planetary Protection Committed by Scientists
- > Accountability to Sponsors(e.g. Taxpayers)
- > “Simple” Mission Requirement for Reality Check
- > International Dialogues and Co-ordinations, etc

- **“Yamakawa’s Census”** for prioritized targets in next quarter century among IAW2013 participants (2votes per attendee)

- > Mars 14
- > Asteroids 13
- > Europa 14
- > Titan 9
- > Enceladus 20



Post-Meeting Logistics (1/3)

- 32 presentation materials that are signed to agree with the JAXA Repository policy --- To be filed in the searchable data archive
- Group Photos -- Ones from all the three days are already uploaded on the homepage.
- Name Badges – Please return badge holders at the registration desk after removing your name cards.
- Last Souvenirs -- Take the JAXA mouse pads and the used meeting posters from the registration desk

Post-Meeting Logistics (2/3)

- **Snaps** – Plan for disclosure to the registrants only through the web
- **Travel Grants** – Documentations submission to the respective funding bodies (ISAS, NINS-JAMSTEC, ELSI) as soon as the meeting ends (i.e. next week)
- **A possible special issue of a refereed journal** (e.g., Astrobiology) – Many authors expressed the interest. Negotiation is underway for normal referee processes. Once succeeded, a formal invitation of the submission will be sent to all the authors.
- **Post-Meeting Report** -- To be submitted to respective funding bodies, together with meeting highlights on the homepage in next January-February timeframe

Post-Meeting Logistics (3/3)

- **Public Lecture Day** – At 14:00-18:15, Tomorrow, at next door (Sagamihara City Museum)

- **Peripheral Meeting** –
LIFE#2 Meeting
at ISAS and JAMSTEC
with Telecon to JPL and
Other US Venues
on December 2-4, 2013

* **Future Meetings** --

➤ ORIGINS2014 – July 6-11, 2014
Nara, Japan

➤ COSPAR2014 – August 2-10, 2014
Moscow, Russia

日本アストロバイオロジーネットワーク公開講演会
宇宙にいのちを探す

開催場所: 相模原市立博物館
開催期間: 2013年12月1日(日) 14:00-18:15

第一部 「リレー講演会」 参加無料 定員200名、事前予約なし
13:00-14:00 受付
14:00 開会挨拶
矢野 龍 (JAXA宇宙科学研究所・学際科学研究系)
「謎の深海生物にさぐる宇宙生命の可能性」
長沼 毅 (広島大学大学院 生物圏科学研究科)
「宇宙生物学とクマムシと私」
堀川 大樹 (パリ第5大学・フランス国立医学研究機構)
「火星での生命探査計画」
山岸 明彦 (東京理科大学 生命科学部、JAXA宇宙科学研究所客員)
「太陽系外惑星と宇宙における生命」
田村 元秀 (東京大学大学院 理学研究科)
「正しい宇宙人の探し方 ～SETIの話を～」
嶋沢 真也 (兵庫県立大学 西はりま天文台)
パネルディスカッション
「深海から深宇宙まで ～生命の兆候を見出すには～」 司会: 矢野 龍
パネリスト: 長沼 毅、堀川 大樹、山岸 明彦、田村 元秀、嶋沢 真也、高井 研

第二部 全天周映画特別上映 (プラネタリウム)
有料・500円 (大人ひとり) 定員200名、事前予約なし
9:30～ 当日券受け付けで販売
17:00 第二部開始
17:00-18:15 監修者ティーンズと全天周映画
「エターナル・リターン」鑑賞
解説者 (監修者) 高井 研 (JAMSTEC海洋・極限環境生物圏領域、JAXA宇宙科学研究所・学際科学研究系 (客員))

主催: 日本アストロバイオロジーネットワーク (JANN)
(リンク先: <http://loxos.is.toyaku.ac.jp/~astrobiology-japan/>)
共催: 相模原市教育委員会
文庫提供: 独立行政法人 宇宙航空研究開発機構 宇宙科学研究所
大学共同利用法人 自然科学研究機構 創発創成センター「宇宙における生命研究分野」
東京工業大学 地球生命研究所

See You at JABN7 ...?