

7th IAA Planetary Defense Conference

26-30 April 2021, Online Event

Hosted by UNOOSA in collaboration with ESA

Programme-at-a-glance

Monday, 26 April 2021: HIGHLIGHTS

UTC	Sydney	Tokyo	Vienna	DC	LA	DAY 1: Highlights
0945	1945	1845	11:45	0545	0245	INTRODUCTION
1000	2000	1900	12:00	0600	0300	Session 1: Hera (Chairs: Mariella Graziano, Monica Lazzarin, Richard Moiss)
1100	2100	2000	13:00	0700	0400	Break
1115	2115	2015	13:15	0715	0415	Session 2: Hayabusa 2 (Chair: Makoto Yoshikawa)
1215	2215	2115	14:15	0815	0515	Break
1230	2230	2130	14:30	0830	0530	Opening
1235	2235	2135	14:35	0835	0535	Welcome remarks by IAA, Jean-Michel Contant
1245	2245	2145	14:40	0845	0545	KEYNOTE by Director of the UN Office for Outer Space Affairs, Simonetta Di Pippo
1305	2305	2205	15:05	0905	0605	ADDRESS by Chair of the Committee on the Peaceful Uses of Outer Space, Marius Piso
1315	2315	2215	15:15	0915	0615	Break
1330	2330	2230	15:30	0930	0630	EXERCISE SESSION: FIRST NOTICE OF (HYPOTHETICAL) THREAT
1415	0015	2315	16:15	1015	0715	Break
1430	0030	2330	16:30	1030	0730	EXERCISE PANEL: DISCUSSION OF NEXT STEPS
1530	0130	0030	17:30	1130	0830	Break
1545	0145	0045	17:45	1145	0845	Session 3: DART (Chairs: Andy Rivkin, Dawn Graninger)
1645	0245	0145	18:45	1245	0945	Break
1700	0300	0200	19:00	1300	1000	Session 4: OSIRIS-REX (Chairs: Terik Daly, Christian Koeberl)
1800	0400	0300	20:00	1400	1100	END

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Tuesday, 27 April 2021: DISCOVERY

UTC	Sydney	Tokyo	Vienna	DC	LA	DAY 2: Discovery
0945	1945	1845	11:45	0545	0245	Introduction
1000	2000	1900	12:00	0600	0300	Session 5a: NEO Discovery (Chair: Kelly Fast)
1100	2100	2000	13:00	0700	0400	Break
1115	2115	2015	13:15	0715	0415	Session 6a: NEO Characterization (Chairs: Stephen Lowry, Agata Rozek, Marina Brozović)
1215	2215	2115	14:15	0815	0515	Break
1230	2230	2130	14:30	0830	0530	EXERCISE SESSION: UPDATE ON SPACE-BASED MITIGATION OPTIONS
1315	2315	2215	15:15	0915	0615	Break
1330	2330	2230	15:30	0930	0630	EXERCISE SESSION: LEGAL AND POLICY ISSUES RELATED TO MITIGATION OPTIONS
1415	0015	2315	16:15	1015	0715	Break
1430	0030	2330	16:30	1030	0730	EXERCISE PANEL: DISRUPTION & DEFLECTION OPTIONS
1525	0125	0025	17:25	1125	0825	EXERCISE: INJECT #2 Update on Threat Region
1530	0130	0030	17:30	1130	0830	Break
1545	0145	0045	17:45	1145	0845	Session 5b: NEO Discovery (Chair: Kelly Fast)
1645	0245	0145	18:45	1245	0945	Break
1700	0300	0200	19:00	1300	1000	Session 6b: NEO Characterization (Chairs: Marina Brozović, Stephen Lowry)
1800	0400	0300	20:00	1400	1100	END

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Wednesday, 28 April 2021: TESTING & MISSION PLANNING

UTC	Sydney	Tokyo	Vienna	DC	LA	DAY 3: Testing and Mission Planning
0945	1945	1845	11:45	0545	0245	Introduction
1000	2000	1900	12:00	0600	0300	Session 7a: Deflection & Disruption Testing (Chairs: Patrick Michel, Angela Stickle, Megan Syal)
1100	2100	2000	13:00	0700	0400	Break
1115	2115	2015	13:15	0715	0415	Session 8a: Mission & Campaign Design (Chairs: Marco Tantardini, George Vardaxis, Andy Cheng)
1215	2215	2115	14:15	0815	0515	Break
1230	2230	2130	14:30	0830	0530	EXERCISE SESSION: UPDATED THREAT CORRIDOR & DETAILED OVERVIEW OF CONSEQUENCES
1300	2300	2200	15:00	0900	0600	Break
1315	2315	2215	15:15	0915	0615	EXERCISE PANEL: DISASTER MANAGERS DISCUSSION
1410	0010	2310	16:10	1010	0710	EXERCISE: Final Impact Area (IAWN)
1415	0015	2315	16:15	1015	0715	Break
1430	0030	2330	16:30	1030	0730	PANEL: HEADS AND REPRESENTATIVES OF SPACE AGENCIES
1530	0130	0030	17:30	1130	0830	Break
1545	0145	0045	17:45	1145	0845	Session 7b: Deflection & Disruption Testing (Chairs: Patrick Michel, Angela Stickle, Megan Syal)
1645	0245	0145	18:45	1245	0945	Break
1700	0300	0200	19:00	1300	1000	Session 8b: Mission & Campaign Design (Chairs: Marco Tantardini, George Vardaxis, Andy Cheng)
1800	0400	0300	20:00	1400	1100	END

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Thursday, 29 APRIL 2021: IMPACT EFFECTS & DISASTER MANAGEMENT

UTC	Sydney	Tokyo	Vienna	DC	LA	DAY 4: Impact Effects & Disaster Management
0945	1945	1845	11:45	0545	0245	Introduction
1000	2000	1900	12:00	0600	0300	Session 9a: Impact Effects (Chairs: Mark Boslough, Jessie Dotson, David Morrison)
1100	2100	2000	13:00	0700	0400	Break
1115	2115	2015	13:15	0715	0415	Session 10a: Disaster Management (Chair: L.A. Lewis)
1215	2215	2115	14:15	0815	0515	Break
1230	2230	2130	14:30	0830	0530	PANEL: RELIABLE COMMUNICATION AND DEALING WITH MISINFORMATION
1330	2330	2230	15:30	0930	0630	Break
1345	2345	2245	15:45	0945	0645	PANEL: LESSONS LEARNED FROM PAST DISASTERS: RECOMMENDATIONS FOR A REAL NEO THREAT
1445	0045	2345	16:45	1045	0745	Break
1500	0100	0000	17:00	1100	0800	PUBLIC EVENT: THE PLANETARY SOCIETY*
1600	0200	0100	18:00	1200	0900	Break
1615	0215	0115	18:15	1215	0915	Session 9b: Impact Effects (Chairs: Mark Boslough, Jessie Dotson, David Morrison)
1715	0315	0215	19:15	1315	1015	Break
1730	0330	0230	19:30	1330	1030	Session 10b: Disaster Management (Chair: L.A. Lewis)
1830	0430	0330	20:30	1430	1130	END

ADDITIONAL HIGHLIGHT OF THE DAY – PUBLIC EVENT, Thursday, 29 April, 3-4p.m (UTC), 5-6 p.m. CEST

<http://planetary.org/live> with live Q&A



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Friday, 30 April 2021: THE DECISION TO ACT AND PUBLIC ENGAGEMENT

UTC	Sydney	Tokyo	Vienna	DC	LA	DAY 5: The Decision to Act and Public engagement
0945	1945	1845	11:45	0545	0245	Introduction
1000	2000	1900	12:00	0600	0300	Session 11: The Decision to Act (Chairs: Alissa J. Haddaji, Rudi Albrecht)
1125	2125	2025	13:25	0725	0425	Break
1145	2145	2045	13:45	0745	0445	Session 12: Public Education & Communication (Chairs: Linda Billings, Alissa J. Haddaji, Alex Karl)
1255	2255	2155	14:55	0855	0555	Break
1310	2310	2210	15:10	0910	0610	Session 13: Apophis and Others, Far and Near: Future Characterization Opportunities from NEO Close Approaches (Chairs: Gerbs Bauer, Larry Denneau, Michaela Blain)
1410	0010	2310	16:10	1010	0710	Break
1425	0025	2325	16:25	1025	0725	PANEL: PROPOSAL FOR AN INTERNATIONAL YEAR OF PLANETARY DEFENSE
1525	0125	0025	17:25	1125	0825	Break
1540	0140	0040	17:40	1140	0840	DISCUSSION: WRAP-UP, NEXT STEPS, RECOMMENDATIONS FOR 2023 CONFERENCE (Conference Chairs & Attendees)
1640	0240	0140	18:40	1240	0940	Break / End of Day 5 / End of Conference

ADDITIONAL HIGHLIGHTS:

- **ASTEROID HUNTERS IMAX movie screening**
Venues: LOS ANGELES, AMC Santa Anita IMAX theater, WASHINGTON D.C., TOKYO, BEIJING

