



Saturday, October 15th, 2022 | Program

All Times Presented in Hawaii Standard Time

CME Available

1	2	3	4	5	6	7	8	9	10
Monarchy Ballroom	Grand Promenade	Kohala 1	Kohala 2	Kona 4	Kona 5	Queen's 4	Queen's 6	King's Ballroom	Lagoon Lanai

7:00 am	Registration & Breakfast																	
8:00 am	<div style="font-size: 4em; font-weight: bold;">}</div> <p style="font-size: 1.5em; margin: 0;">SIT Workshop</p> <p style="font-size: 1.2em; margin: 0;">RSVP Required</p> <p style="font-size: 1.2em; margin: 0;">SIT Members Only</p>																	
9:00 am										<p style="text-align: center;">Welcome and Intro <i>Christian Cooper & Cato Milder, PhD, MSPH</i></p> <p style="text-align: center;">Being the best manuscript reviewer/responder <i>Mark Little, DPhil</i></p> <p style="text-align: center;">Resilience/Work-Life Balance <i>Carmen Bergom, MD, PhD</i></p>								
10:00 am										<p style="text-align: center;"><i>Networking Coffee Break</i> 2</p> <p style="text-align: center;">Panel Discussion: Incorporating DEI into radiation research</p> <p style="text-align: center;"><i>Jamie Takayesu, MD, Jacqueline Vo, PhD, RN, MPH, Kekoa Taparra, MD, PhD, Jason Domogauer, MD, PhD</i></p>								
11:00 am										<p style="text-align: center;">Panel Discussion - Cross-Border Careers</p> <p style="text-align: center;"><i>Eric Grant, PhD, Aimee McNamara, PhD, Prakash Hande, PhD, Manuela Buonnano, PhD</i></p>								
12:00 pm										Lunch Break								
1:00 pm										<p style="text-align: center;">Small-group tutorials</p> <p style="text-align: center;"><i>Constance Owens, MPH, Cato Milder, PhD, MSPH, Reid Landes, PhD, Frederico Kiffer, PhD</i></p>								
2:00 pm										<p style="text-align: center;">Attention-grabbing graphical abstracts</p> <p style="text-align: center;"><i>Lauren Pedersen, PhD, Robin Elgart, PhD</i></p>								
3:00 pm										<p style="text-align: center;">Concluding Remarks <i>Cato Milder, PhD, MSPH, Christian Cooper</i></p> <p style="text-align: center;"><i>Networking Coffee Break</i> 2</p>								
4:00 pm										Career Development Workshop 8								
5:00 pm										<p style="font-weight: bold;">New Members Meet and Greet</p> <p style="font-style: italic;">Water's Edge Ballroom</p>					<p style="font-weight: bold;">Special Opening Session: Epidemiology</p> <p style="font-style: italic;">Lydia Zablotska, MD, PhD & Eric Grant, PhD</p>			
6:00 pm	SIT / Welcome ECI Social 6																	
7:00 pm	<i>Co-sponsored by KUBTEC Scientific</i>																	
8:00 pm	<i>Water's Edge Ballroom</i>																	
9:00 pm																		



Sunday, October 16th, 2022 | Program

All Times Presented in Hawaii Standard Time

CME Available

1	2	3	4	5	6	7	8	9	10
Monarchy Ballroom	Grand Promenade	Kohala 1	Kohala 2	Kona 4	Kona 5	Queen's 4	Queen's 6	King's Ballroom	Lagoon Lanai

7:00 am	Networking Coffee Break				2	5K Fun Run (Meet in Palace Tower Lobby)				
8:00 am	Welcoming and Opening Remarks President Sally A. Amundson, ScD & Julie K Schwarz, MD, PhD								1	
9:00 am	Plenary 01: The evolution and future of theranostics development: A radiochemist's perspective Carolyn Anderson, PhD								1	
10:00 am	Networking Coffee Break									
11:00 am	Symposium 01 Image guidance RT	Symposium 02 Theranostics and radiopharmaceuticals	Symposium 03 CNS radiobiology	Symposium 04 Sex effects in radiation exposure	Symposium 05 Tumor hypoxia radiation response and beyond (with a tribute to Dick Hill)	3	4	5	6	8
12:00 pm	SIT Mentor Lunch									
1:00 pm	Poster Session 1: Tumor Immunology / Machine Learning / Imaging / Theranostics / Radiomics / Radiopharm								9	
2:00 pm	Poster Session 2: Biology / Hypoxia / Metabolism / Sex & Age Differences								9	
3:00 pm	Networking Coffee Break									
4:00 pm	Symposium 06 DNA damage response inhibitors as radiosensitizers	Symposium 07 Sex differences in biology	Symposium 08 FLASH Physics - oxygen effect/modeling	Symposium 09 READI TF Symposium: Improving health disparities for Pacific Islanders and Native Hawaiians	Symposium 10 Environmental Effects / Fukushima (Co-Sponsored by JRRS and JHPS)	3	4	6	8	5
5:00 pm	Failla Award Lecture: DNA Damage Responses: Bedside to bench to bedside Michael B Kastan, MD, PhD								1	
6:00 pm	Welcome Reception at the Lagoon (Supported in part by Precision X-Ray Irradiation)									
7:00 pm										
8:00 pm										



Monday, October 17th, 2022 | Program

All Times Presented in Hawaii Standard Time

CME Available

1	2	3	4	5	6	7	8	9	10
Monarchy Ballroom	Grand Promenade	Kohala 1	Kohala 2	Kona 4	Kona 5	Queen's 4	Queen's 6	King's Ballroom	Lagoon Lanai

7:00 am	Networking Coffee Break (Sponsored by SIT - Sordina Iort Technologies)								2
8:00 am	TR 01: Strategies to increase pharma engagement in clinical trials with radiation 3	TR 02: SIT RED1 Session: Effects of the nuclear testing grounds on local populations 4	TR 03: Large animal models in RT 8	TR 04: Classification of radiation effects in normal tissues for radiation protection purposes 6	TR 05: CNS effects including age / sex / neuroinflammation 5				
9:00 am	Plenary 02 - Herman D. Suit, MD, DPhil Plenary Lecture: Radiation therapy related late cardiac disease in childhood cancer survivors Rebecca Howell, MS, PhD								1
10:00 am	Networking Coffee Break (Sponsored by SIT - Sordina Iort Technologies)								2
11:00 am	Symposium 11 FLASH chemical mechanisms <i>(with a tribute to Ed Epp)</i> 3	Symposium 12 Heterogeneity in dose response shape 8	Symposium 13 Precision radiation genomics and targeted therapies 5	Symposium 14 Microbiome and radiation injury and regeneration 6	Symposium 15 Imaging radiomics and big data integration 4				
12:00 pm									
1:00 pm	RRS Business Forum <i>(Members Only)</i>								1
2:00 pm	Poster Session 3: Space Travel / CNS Radiobiology / AI / Physics / Low Dose RT								9
	Poster Session 4: DNA Damage / FLASH / Modeling Physics & Chemistry								9
3:00 pm	Networking Coffee Break (Sponsored by SIT - Sordina Iort Technologies)								2
4:00 pm	Symposium 16 Low and moderate dose association for cancer 8	Symposium 17 Tumor immunology and radiation 4	Symposium 18 RRS-SMB symposium: Quantitative approaches to model radiation therapy outcome 5	Symposium 19 Space physics <i>In Memory of Thomas Borak (Sponsored by CSU)</i> 6	Symposium 20 FLASH biology 3				
5:00 pm	Marie Curie Award Lecture: The combination of radiation and the de novo engineered IL-2/IL-15 mimic, NL-201, elicits potent anti-tumor immune response Yifan Wang, PhD								1
6:00 pm	Michael Fry Award Lecture: Precision liquid biopsy frameworks to maximize benefit while minimizing harm in patients treated with radiotherapy and immuno therapy Aadel Chaudhuri, MD, PhD								1



Tuesday, October 18th, 2022 | Program

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7:00 am	<p style="text-align: center;">Sunrise Yoga Session <i>Cato Milder, PhD MSPH - Buddha Point by Ocean Tower</i></p>								
	<i>Networking Coffee Break</i>								2
8:00 am	<p>TR 06: Grid therapy</p> <p style="text-align: right;">3</p>	<p>TR 07: Using low dose RadScopal to overcome checkpoint resistance Leveraging cancer immunotherapy with low dose irradiation</p> <p style="text-align: right;">4</p>	<p>TR 08: SIT Hot Topic: Animals affected by the Fukushima Daiichi Nuclear Power Plant accident: What did, did not and will happen?</p> <p style="text-align: right;">5</p>	<p>TR 09: Biodosimetry and dose error models - The association of radiation exposure with stable chromosome aberrations in atomic bomb survivors based on DS02R1 dosimetry and FISH methods</p> <p style="text-align: right;">8</p>	<p>TR 10: Towards a deeper understanding of the significance and pathophysiology of radiation-induced lymphopenia in solid tumor patients</p> <p style="text-align: right;">6</p>				
9:00 am	<p>Plenary 03: Radiological threats due to Russian aggression in Ukraine <i>Vadim Chumak, PhD, DSc</i> <i>(Lecture pre-recorded in Ukraine. Planned virtual Q&A to follow)</i></p>								1
10:00 am	<i>Networking Coffee Break</i>								2
11:00 am	<p>Symposium 21 Novel drug and RT combinations</p> <p style="text-align: right;">3</p>	<p>Symposium 22 Panel discussion: DOE-sponsored studies</p> <p style="text-align: right;">4</p>	<p>Symposium 23 Mitochondria and ROS as an RT target</p> <p style="text-align: right;">5</p>	<p>Symposium 24 The future of MCM development – how do we prepare for Threat X?</p> <p style="text-align: right;">8</p>	<p>Symposium 25 Epigenetics and DNA damage repair</p> <p style="text-align: right;">6</p>				
12:00 pm	<i>Afternoon On Own - Explore Hawaii!</i>								
8:30 pm	<p>READI DJ Dance Party <i>Water's Edge Ballroom</i></p>								



Wednesday, October 19th, 2022 | Program

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7:00 am	<i>Networking Coffee Break (Sponsored by IBA Proton Therapy)</i>									2	
8:00 am	TR 11: New approaches for treatment of oligometastatic disease 3		TR 12: Isotope tracing in humans and animal models 4		TR 13: Immuno PET and novel tracers 5		TR 14: FLASH mechanisms: A critical evaluation 6		TR 15: Writing successful P and U level grants 8		
9:00 am	Plenary 04 - John B. Little, MD Legacy Plenary Lecture: The VHL Tumor Suppressor Protein: Insights into Oxygen Sensing and Cancer <i>William Kaelin, MD, PhD</i>									1	
10:00 am	<i>Networking Coffee Break (Sponsored by IBA Proton Therapy)</i>									2	
11:00 am	Symposium 26 Spatial / temporal aspects of radiation damage 3		Symposium 27 Bill Dewey memorial symposium 4		Symposium 28 Getting to the heart of the matter: Cardioprotection and therapy 5		Symposium 29 Transgenerational effects 8		Symposium 30 Omics biology models 6		
12:00 pm	Painter Debate with Box Lunch - Topic: This house believes that collective dose is not useful for estimating risks to exposed populations <i>FOR: David Pawel, PhD (US Environmental Protection Agency) AGAINST: David Brenner, PhD (Columbia University)</i>									1	
1:00 pm	J.W. Osborne Award Lecture: Radiation effects on the eye and the circulatory system: developments made since the 2011 ICRP statement on tissue reactions <i>Nobuyuki Hamada, RT, PhD</i>									1	
2:00 pm	Poster Session 5: Novel Drug & RT Combinations / Medicine / Precision RT / DEI / Image Guidance 9										
	Poster Session 6: Cardiotoxicity / Normal Tissue Effects / Epidemiology / Environmental Effects / Epigenetics / Secondary Cancers 9										
3:00 pm	<i>Networking Coffee Break (Sponsored by IBA Proton Therapy)</i>									2	
4:00 pm	President's Symposium: Brave New Worlds for Radiation Science <i>(Sponsored by Columbia University, Center of Radiological Research)</i> <i>Naveed Tavakol, PhD Joe W. Gray, PhD Mary Sproull, PhD Olga Martin, PhD</i>									1	
5:00 pm	Poster Session 7: Radioprotection / Biodosimetry				Poster Session 8: Late-Breaking Abstracts						
6:00 pm					9						9
7:00 pm	Final Night Luau (Off-Site, Sold Out) - Waikoloa Beach Marriott Resort & Spa										
10:00 pm	Together Again DJ Dance Party (Supported in part by JL Shepherd & Associates) - Water's Edge Ballroom										