

Discussion meeting on

Air-Sea Interactions in the Bay of Bengal from Monsoons to Mixing

Venue : Ramanujan Lecture Hall, ICTS, Bengaluru

Date: 18 February 2019 to 23 February 2019

Organizers: Eric D'Asaro (University of Washington, USA), Rama Govindarajan (ICTS-TIFR, India), Manikandan Mathur (IIT-Madras, India), Debasis Sengupta (IISc, India), Emily Shroyer (Oregon State University, USA), Jai Sukhatme (IISc, India) and Amit Tandon (UMass Dartmouth, USA)

Website: <https://www.icts.res.in/discussion-meeting/ommbob2019>

Workshop - Feb 18 - 21, 2019

Venue: Ramanujan Lecture Hall

Monday, February 18	
0730 - 0830 hrs	Breakfast
0900 - 1000 hrs	Orientation/Introductions venue: Ramanujan Hall (team project members only)
1000 - 1050 hrs	Lecture 1- Atmospheric Dynamics (GS Bhat, IISc) venue: Ramanujan Hall (open to all)
1050 - 1110 hrs	Tea Break
1110 - 1200 hrs	Lecture 2- Ocean Circulation (Emily Shroyer, OSU) venue: Ramanujan Hall (open to all)
1200 - 1245 hrs	Introduction to Group Projects venue: Ramanujan Hall (team project members only)
1245 - 1400 hrs	Lunch
1400 - 1530 hrs	Group Project venue: A101-A104, A102, Nambu (left), SN Bose room (team project members only)
1530 - 1630 hrs	Evening Tea
1630 - 1700 hrs	T-Talks (given by students) venue: Ramanujan Hall (open to all)
1700 - 1900 hrs	Open
1900 - 2000 hrs	Dinner
2000 - 2130 hrs	Movie: Chern Lecture Hall (team project members only)

Tuesday, February 19	
0730 - 0830 hrs	Breakfast
0900 - 0950 hrs	Lecture 3-Mixed Layer Models (Leah Johnson, Brown Univ. & Eric D'Asaro, Univ. Washington/APL) venue: Ramanujan Hall (open to all)
0950 - 1040 hrs	Lecture 4-Satellite Oceanography (Neeraj Agarwal, SAC, ISRO) venue: Ramanujan Hall (open to all)
1040 - 1100 hrs	Tea Break
1100 - 1245 hrs	Group Projects venue: A101-A104, A102, Nambu (left), SN Bose room (team project members only)
1245 - 1400 hrs	Lunch
1400 - 1530 hrs	Group Projects venue: A101-A104, A102, Nambu (left), SN Bose room (team project members only)
1530 - 1630 hrs	Evening Tea
1630 - 1700 hrs	T-Talks (given by students) venue: Ramanujan Hall (open to all)
1700 - 1900 hrs	Open
1900 - 2000 hrs	Dinner
2000 - 2130 hrs	Movie: Chern Lecture Hall (team project members only)
Wednesday, February 20	
0730 - 0830 hrs	Breakfast
0900 - 0950 hrs	Lecture 5 - Internal Waves (Mani Mathur, IIT Madras) venue: Ramanujan Hall (open to all)
0950 - 1040 hrs	Lecture 6 - Quasi-geostrophic equations (Vishal Vasan, ICTS) venue: Ramanujan Hall (open to all)
1040 - 1100 hrs	Tea Break
1100 - 1245 hrs	Group Projects venue: A101-A104, A102, Nambu (left), SN Bose room (team project members only)
1245 - 1400 hrs	Lunch
1400 - 1530 hrs	Group Projects venue: A101-A104, A102, Nambu (left), SN Bose room
	<i>(team project members only)</i>
1530 - 1630 hrs	Evening Tea
1630 - 1700 hrs	T-Talks (given by students) venue: Ramanujan Hall (open to all)
1700 - 1900 hrs	Open
1900 - 2000 hrs	Dinner

2000 - 2130 hrs	Movie: Chern Lecture Hall (team project members only)
Thursday, February 21	
0730 to 0830 hrs	Breakfast
0900 to 1245 hrs	Group Projects with a tea break at 11am venue: A101-A104, A102, Nambu (left), SN Bose room (team project members only)
1245 to 1345 hrs	Lunch
1400 to 1600 hrs	Group Presentations venue: Madhava Hall (team project members only)
1600 to 1800 hrs	Preparation of a Summary Talk for Discussion Meeting venue: Madhava Hall (team project members only)
1900 to 2000 hrs	Dinner
2000 to 2130 hrs	Workshop Review & Celebrations venue: Chern Lecture Hall (team project members only)

PARTICIPANTS - WORKSHOP

Sl. No	Name	Affiliation	Sl. No	Name	Affiliation
1	Aakash Bhalchandra Sane	Brown University, USA	11	G S Bhat	IISc, Bengaluru
2	Aditya Chaudhuri	SAC, Ahmedabad	12	H.B Udeshika Gangani Manike Wimalasiri	NARA, Sri Lanka
3	Aditya Narayanan	IIT, Madras	13	J Lijin	IIT, Madras
4	Debasis Sengupta	IISc, Bengaluru	14	J. Sree Lekha	IISc, Bengaluru
5	Deepak Cherian	Oregon State University, USA	15	Jared Buckley	U Mass Dartmouth, USA
6	Deepak Subramani	IISc, Bengaluru	16	Jofia Joseph	INCOIS, Hyderabad

7	Dheeraj Varma	IIT, Madras	17	Jossia Joseph	National Institute of Ocean Technology, Chennai
8	Dipanjan Chaudhuri	IISc, Bengaluru	18	K. N. Navaneeth	NIOT, Chennai
9	Divya Jaganthan	ICTS-TIFR, Bengaluru	19	Kerstin Cullen	Oregon State University, USA
10	Emily Shroyer	Oregon State University, USA	20	Leah Johnson	Brown University, USA
21	Eric D'Asaro	University of Washington, USA	29	Manikandan Mathur	IIT, Madras
22	Nihar Paul	IISc, Bengaluru	30	Martin V Mathew	NIOT, Chennai
23	Pinak Mandal	ICTS-TIFR, Bengaluru	31	Neeraj Agarwal	SAC, Ahmedabad
24	Pritam Borah	IISc, Bengaluru	32	Vishal Vasan	ICTS-TIFR, Bengaluru
25	Rama Govindarajan	ICTS, Bengaluru	33	Praveen Kumar	Indian National Centre for Ocean Information Services, Hyderabad
26	Ritabrata Thakur	ICTS-TIFR, Bengaluru	34	Sharath Jose	IIT Madras, Chennai
27	Subrat Kumar Mallick	SAC, Ahmedabad	35	Srashti Goyal	ICTS-TIFR, Bengaluru
28	Suraj Singh	IIT, Madras	36	Ruchira Jayathilaka	National Aquatic Resources Research and Development Agency, Colombo

Discussion Meeting 22-23, Feb 2019

Venue:	Ramanujan Lecture Hall
Feb 22, 2019	
08.30 - 09:00 hrs	Registration
SESSION 1 (CHAIR: DEEPAK CHERIAN)	
09.00 - 09.10 hrs	Introduction to ICTS
09.10- 09.20 hrs	Opening Remarks
09.20 - 09.50 hrs	Eric Daniel Maloney (Colorado State University, USA)
09.50 - 10.20 hrs	Simon Paul de Szoeki (Oregon State University, USA)
10.20 - 10.30 hrs	Amit Tandon (Univ. Mass. Dartmouth, USA)
10.30 - 10.40 hrs	Emily Shroyer (Oregon State University, USA)
10.40 - 11.00 hrs	Workshop Presentation
11:00-11:30	TEA BREAK
SESSION 2 (CHAIR: AMIT TANDON)	
11.30 - 11.45 hrs	Rajib Chattopadhyay (Indian Institute of Tropical Meteorology, Pune, India)
11.45 - 12.00 hrs	Vinu Valsala (Indian Institute of Tropical Meteorology, Pune, India)
12.00 - 12.15 hrs	Debasis Sengupta (Indian Institute of Science, Bengaluru, India)
12.15 - 12.30 hrs	VVSS Sarma (NIO, Vishakhapatnam, India)
12.30 - 12.45 hrs	Manikandan Mathur (Indian Institute of Technology Madras, Chennai, India)
12.45 - 13.00 hrs	Sutanu Sarkar (UCSD, USA)
13.00 - 14.00 hrs	LUNCH
SESSION 3 (CHAIR: VAMSI CHALAMALLA)	
14.00 - 14.15 hrs	Ritabrata Thakur (ICTS, Bengaluru, India)
14.15 - 14.30hrs	Eric D'Asaro (University of Washington, USA)
14.30 - 14.45 hrs	Andrew Lucas (Scripps, USA)
14.45 - 15.00 hrs	Jennifer MacKinnon (Scripps, USA)
15.00 - 15.15 hrs	Deepak Cherian (Oregon State University, USA)
15.15 - 15.30 hrs	Leah Johnson (Brown University, USA)

15.30 - 1600 hrs	TEA BREAK
SESSION 4 (CHAIR: ANUBHAB ROY)	
16.00 - 16.15 hrs	Udeshika Gangani (National Aquatic Resources Research and Development Agency (NARA), Sri Lanka)
16.15 - 16.30 hrs	Ruchira Jayathilaka (National Aquatic Resources Research and Development Agency (NARA), Sri Lanka)
16.30 - 16.45 hrs	Vincent J. Amelie (Seychelles Meteorological Authority, Seychelles)
16.45 - 17.00 hrs	Ahmed Rasheed (Director Meteorology of Maldives Met Service, Maldives)
17.00 - 18.00 hrs	Discussions (led by Amit Tandon and Debasis Sengupta)
Feb 23, 2019	
SESSION 6 (CHAIR: LEAH JOHNSON)	
09.00 - 09.15 hrs	Rashmi Sharma (Space Applications Centre, ISRO, Ahmedabad, India)
09.15 - 09.30 hrs	Amala Mahadevan (WHOI, USA)
09.30 - 09.45 hrs	Jared Buckley (Univ. Mass. Dartmouth, USA)
09.45 - 10.00 hrs	Lou St. Laurent/Justin Shapiro (WHOI, USA)
10.00 - 10.15 hrs	Craig Lee (University of Washington, USA)
10.15 - 10.30 hrs	Uwe Send (Scripps, USA)
10.30 - 10.45 hrs	Luca Centurioni (Scripps, USA)
10.45 - 11.00 hrs	Luc Rainville (University of Washington, USA)
11.00 - 11.15 hrs	TEA BREAK
SESSION 7 (CHAIR: NEENA JOSEPH MANI)	
11.15 - 11.30 hrs	Hyodae Seo (WHOI, USA)
11.30 - 12.30 hrs	Suryachandra Rao (Indian Institute of Tropical Meteorology, Pune, India)
12:30 - 13.00 hrs	Poster Session
13.00 - 14.00 hrs	LUNCH

SESSION 5 (CHAIR: KIRANMAYI LANDU)	
14.00 - 15.45 hrs	Special tutorial sessions by Eric Daniel Maloney and Simon Paul de Szoeke
15.45 - 16.00 hrs	TEA BREAK
SESSION 8 (CHAIRS: EMILY SHROYER, ERIC D'ASARO)	
16.00 - 17.30 hrs	Discussions and Cruise Planning with a tea break in between
	POSTERS
	<ol style="list-style-type: none"> 1. Vimlesh Pant (IIT Delhi, India) 2. Aakash Sane (Brown University, USA) 3. Kerstin Cullen (Oregon State University, USA) 4. Jayesh Phadtare (IISc, Bengaluru) 5. Surajit Das (IISc, Bengaluru) 6. Dipanjan Chaudhuri (IISc, Bengaluru) 7. Neena Joseph Mani (IISER Pune) 8. Vamsi Chalamalla (IIT Delhi) 9. Anubhab Roy (IIT Madras) 10. Sridhar Balasubramanian (IIT Bombay)

PARTICIPANTS - DISCUSSION MEETING

Sl. No	Names	Affiliation	Sl. No	Names	Affiliation
1	Aakash Bhalchandra Sane	Brown University, USA	12	Deepak Cherian	Oregon State University, USA
2	Aditya Chaudhuri	SAC, Ahmedabad	13	Deepak Subramani	IISc, Bengaluru
3	Aditya Narayanan	IIT Madras	14	Devang Falor	ICTS-TIFR, Bengaluru
4	Ahmed Rasheed	Meteorology of Maldives Met Service, Maldives	15	Dheeraj Varma	IIT, Madras

5	Amala Mahadevan	Woods Hole Oceanographic Institution, USA	16	Dipanjan Chaudhuri	IISc, Bengaluru
6	Amit Apte	ICTS-TIFR, Bengaluru	17	Divya Jaganthan	ICTS-TIFR, Bengaluru
7	Amit Tandon	U Mass Dartmouth, USA	18	Emily Shroyer	Oregon State University, USA
8	Andrew Lucas	University of California, San Diego, USA	19	Eric D'Asaro	University of Washington, USA
9	Anubhab Roy	IIT Madras, Chennai	20	Eric Daniel Maloney	Colorado State University, USA
10	Craig M. Lee	University of Washington, USA	21	GS Bhat	IISc, Bangalore
11	Debasis Sengupta	IISc, Bangalore	22	H.B Udeshika Gangani Manike Wimalasiri	NARA, Sri Lanka
23	Hyodae Seo	Woods Hole Oceanographic Institution, USA	37	Louis St Laurent	Woods Hole Oceanographic Institution, USA
24	J Lijin	IIT, Madras	38	Luc Rainville	University of Washington, USA
25	J. Sree Lekha	IISc, Bengaluru	39	Luca Centurioni	Scripps Institution of Oceanography, UC San Diego, USA
26	Jai Sukhatme	IISc, Bangalore	40	M. Ravichandran	NCAOR, Goa
27	Jared Buckley	UMass Dartmouth, USA	41	Manikandan Mathur	IIT, Madras
28	Jason Picardo	ICTS-TIFR, Bengaluru	42	Manpreet Singh	ICTS-TIFR, Bengaluru

29	Jayesh Phadtare	IISc, Bengaluru	43	Martin V Mathew	NIOT, Chennai
30	Jennifer MacKinnon	University of California, San Diego, USA	44	Mukesh Singh Raghav	ICTS-TIFR, Bengaluru
31	Jossia Joseph	National Institute of Ocean Technology, Chennai	45	Neena Joseph Mani	IISER , Pune
32	Justin Shapiro	Woods Hole Oceanographic Institution, USA	46	Neeraj Agarwal	SAC, Ahmedabad
33	K. N. Navaneeth	NIOT, Chennai	47	Nihar Paul	IISc, Bengaluru
34	Kerstin Cullen	Oregon State University, USA	48	Pinak Mandal	ICTS-TIFR, Bengaluru
35	Kiranmayi Landu	IITBBS, Bhubaneswar	49	Pritam Borah	IISc, Bengaluru
36	Leah Johnson	Brown University, USA	50	Priyanka Maity	ICTS-TIFR, Bengaluru
51	R. Venkatesan	National Institute of Ocean Technology, Chennai	64	Srashti Goyal	ICTS-TIFR, Bengaluru
52	Rahul Chajwa	ICTS-TIFR, Bengaluru	65	Sridhar Balasubramanian	IIT Bombay, Mumbai
53	Rajib Chattopadhyay	IITM, Pune	66	Subrat Kumar Mallick	SAC, Ahmedabad
54	Rama Govindarajan	ICTS, Bengaluru	67	Sugan D Murugan	ICTS-TIFR, Bengaluru
55	Rashmi Sharma	SAC, Ahmedabad	68	Suraj Singh	IIT, Madras
56	Ritabrata Thakur	ICTS-TIFR, Bengaluru	69	Surajit Das	IISc, Bengaluru

57	Ruchira Jayathilaka	Oceanography Division, National Aquatic Resources Research and Development Agency, Colombo	70	Suryachandra Rao	IITM, Pune
58	Saaransh Singhal	ICTS-TIFR, Bengaluru	71	Sutanu Sarkar	University of California, San Diego, USA
59	Samriddhi Sankar Ray	ICTS-TIFR, Bengaluru	72	Uwe Send	Scripps Institution of Oceanography, USA
60	Sangeeth Krishnan	ICTS-TIFR, Bengaluru	73	V S N Murty	NIO, Visakhapatnam
61	Scott Lee Harper	Office of Naval Research, USA	74	V.V.S.S. Sarma	NIO, Visakhapatnam
62	Sharath Jose	IIT Madras, Chennai	75	Vamsi Chalamalla	IIT, Delhi
63	Simon de Szoeki	Oregon State University, USA	76	Varun Dilip Thakre	ICTS-TIFR, Bengaluru
77	Vimlesh Pant	IIT, Delhi	79	Vishal Vasani	ICTS-TIFR, Bengaluru
78	Vinu Valsala	IITM, Pune			