Dr. Debadatta Swain
IIT Bhubaneswar, India

Short Bio:

Dr. Debadatta Swain is currently working as Assistant Professor, School of Earth, Ocean & Climate Sciences at IIT Bhubaneswar. He has received his P.hD in Atmospheric & Space Sciences from Pune University in 2009.and done his M.phil in Physics from Vinayaka Missions Research Foundation.

Research Interests: Satellite & Physical Oceanography, Air-Sea Interactions, Remote Sensing applications in Climate Change studies

Publications

Peer Reviewed Journals: 40+ ;   Book Chapters: 2;   Atlases: 1;   Technical Reports: 9
Conferences/Symposia/Workshop Presentations & Proceedings: 45+ ; Journals (Reviewer): 18+

Dr. Prashant Kumar Champati ray
ISRO, India

Short Bio:

Dr. Prashant Kumar champati ray is currently working as Group Head of Geosciences and Disaster Management Studies Group at Indian Institute of Remote Sensing ISRO, Govt. of India. He has received P.hD degree in Remote sensing and geology from IIT Bombay and done his postdoc in SAR Interferometry from ITC, The Netherlands and SARMAP, Switzerland . His research interest are Spatial modeling for Landslide Hazard Assessment, Geodynamics, Neotectonics and Seismic Hazard Assessment. He has authored more than 50 journal publications and more than 10 book chapters. He has served as a reviewer of many reputed journals. He was awarded with **P. R. Pisharoty Memorial Award** (earlier known as **Indian National Remote Sensing Award**) by Indian Society of Remote Sensing for significant research contribution in the area of remote sensing data integration and modelling for **geological hazard analysis in the year 2007.**

Dr. Srija Chakraborty
NASA, USA

Short Bio:

Srija Chakraborty is a NASA Postdoctoral Program Fellow at Goddard Space Flight Center and Universities Space Research Association where her research is centered around machine learning applications for nighttime remote sensing. She received her PhD in Computer Engineering at Arizona State University with a focus on multitemporal analysis, and anomaly and novelty detection for monitoring and interpreting remote sensing observations. Her research interests lies at the intersection of machine learning, statistical signal processing and remote sensing with ground-based and onboard applications in Earth and Planetary Sciences.

Dr. Yee Hui Lee
Nanyang Technological University, Singapore

Short Bio:

Dr. Lee Yee Hui received the B.Eng. degree and the M.Eng. degree from Nanyang Technological University, Singapore, and the Ph.D. degree from University of York, England, in 1996, 1998 and 2002, respectively. All degrees are in electronic engineering. She joined the School of Electrical and Electronic Engineering, Nanyang Technological University (NTU) as an Assistant Professor in 2002. She is currently with the Communication Engineering Division. She is a member of the Institute for Electrical and Electronic Engineers (IEEE).

Research Interests: Antenna Design, Computational Electromagnetics, Electromagnetic Compatibility and Susceptibility, Channel Characterisation and Rain Propagation.

Prof. Ashish Ghosh
ISI Kolkata, India

Short Bio:

Starting as an electronic engineer (1983-'87), Prof. Ashish Ghosh moved to computer science during his master's (1987-'89), and finally to Artificial Intelligence (AI) during PhD (1993). Completing post-doctoral research in Japan (1995-'96), he joined as a faculty member at ISI (1997), now a full professor, and contributing immensely to the field of AI, machine learning, image/video analysis and data science. He has already published about 250 research articles on these subjects; and has an H-index 40.

For his pioneering contribution in computational intelligence and image analysis, he earned Young Scientist award from Indian Science Congress (1992), Young Scientist Medal from INSA (1995), and Young Associateship of Indian Academy of Sciences (1997). He is a Fellow of the West Bengal Academy of Science and Technology. For his excellent service to IEEE, he received IEEE-GRSS Regional Leader Award, 2019.

He visited various Universities/Academic Institutes in connection with conducting collaborative research/projects and deliver lectures in different countries including China, Germany, Hong Kong, Italy, Japan, Poland, Portugal, South Korea, Thailand, The Netherlands, UK and the USA.

He served as plenary/keynote speakers in many international conferences in India and abroad. To upgrade and nurture the engineering community, he disseminated seminar lectures and conducted several workshops /short-term courses in different parts of India on upcoming topics of AI, machine learning, image & video analysis and data science. As PI and Co-PI, he completed seventeen projects of national and international importance, funded by Government of India, European Commission, Indo-Italy and Indo-US forum for science & technology.

He is a member of the founding team that established the National Center for Soft Computing Research at the Indian Statistical Institute, Kolkata in 2004 with funding from the Department of Science and Technology, Govt. of India. Since 2010, he is acting as the In-charge of this Center that has been recognized as an Associate Institute of ISI. He also served as the Head of the well-known Machine Intelligence Unit of ISI during 2013-2014. He is a member of the Research & Technical Advisory Committee of many Academic organizations, and SEBI (Mumbai, India), and is nominated to the Academic Council of Banasthali Vidyapith as an Eminent Educationist.

He is currently leading the Data Science Research consortium project as the Theme Coordinator to manage a number of projects assigned to different reputed Indian Institutes under ICPS program of DST. He is an Associate Editor of several International journals, like, IET Journal of Computer Vision, CAAI Transactions on Intelligence Technology (published from IET) and Sadhana, Journal of Banking and Financial Technology, and a Series Editor of Communications in Computer and Information Science (CCIS), Springer-Nature..

Dr. Avik Bhattacharya
IIT Mumbai, India

Short Bio:

Avik Bhattacharya (M'08-SM'16) received the integrated M.Sc. degree in Mathematics from the Indian Institute of Technology, Kharagpur, India, in 2000 and the Ph.D. degree in remote sensing image processing and analysis from Télécom ParisTech, Paris, France, and the Ariana Research Group, Institut National de Recherche en Informatique et en Automatique (INRIA), Sophia Antipolis, Nice, France, in 2007.

He is currently an Associate Professor at the Centre of Studies in Resources Engineering, Indian Institute of Technology Bombay (CSRE, IITB), Mumbai, India. Before joining IITB, he was a Canadian Government Research Fellow at the Canadian Centre for Remote Sensing (CCRS) in Ottawa, ON, Canada. He received the Natural Sciences and Engineering Research Council of Canada visiting scientist fellowship at the Canadian national laboratories, from 2008 to 2011. His current research interests include SAR polarimetry, statistical analysis of polarimetric SAR images, applications of Radar Remote Sensing in Agriculture, Cryosphere, Urban and Planetary studies.

Dr. Bhattacharya is the Editor-in-Chief of IEEE GEOSCIENCE AND REMOTE SENSING LETTERS (GRSL). He was an Associate Editor of IEEE GEOSCIENCE AND REMOTE SENSING LETTERS. He has been the Guest Editor of the special issue on "Applied Earth Observations and Remote Sensing in India" in IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING (J-STARS), 2017. He is one of the guest editors of the special stream on "Advanced Statistical Techniques in SAR Image Processing and Analysis" in IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, 2018. He is the Founding Chairperson of the IEEE Geoscience and Remote Sensing Society (GRSS) Chapter of the Bombay Section. He is currently leading the Microwave Remote Sensing Lab (www.mrslab.in) at CSRE, IITB

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