

CONFERENCE PROGRAM SCHEDULE

International Conference cum Workshop
on
Rhythm of Happiness



DECEMBER 10-12, 2021

Curtain Raiser Workshops/ Guest Talks on 9th December 2021



Common Zoom Link for Workshops, Keynote Talks, Guest Talks and Theme Talks

<https://us02web.zoom.us/j/2950597260?pwd=d1FKY29XYXBWT2hORXYyM1dRbWVSUT09>

Meeting ID: 295 059 7260

Passcode: 0ndC0i

Zoom Link for Contributory Parallel Session A	Zoom Link for Contributory Parallel Session B
https://us02web.zoom.us/j/4770931759?pwd=WFAvMHIZUkpMOFNIWXhER0wvL21DQQT09	https://us02web.zoom.us/j/5824188130?pwd=eGNOVCt0SHVQQWRUMkY4SG5wYkR5Zz09
Meeting ID: 477 093 1759 Passcode: 3A6CcT	Meeting ID: 582 418 8130 Passcode: 9MWnzA

THURSDAY (CURTAIN RAISER DAY) **DECEMBER 9, 2021**

CR Day: Session C1: Workshop 1 **TIME: 10:00-11:30 (IST)**

Moderator: Dr. Tanusree Dutta

Prof. Saamdu Chhetri
“Rhythms: Source of Mindfulness”

CR Day: Session C2: Guest Talks **TIME: 11:30-13:30 (IST)**

Moderator: Prof. Sangeeta Das Bhattacharya

Guest Lecture 1: Anna Crozier
Rhythms of Earth: Our Body-to-Earth interface

Guest Lecture 2: Dr. Meliksah Demir
How and Why Close Relationships Relate to Happiness

Guest Lecture 3: Dr. Ranjan Kumar
Science of Emotions – Emotion AI

Guest Lecture 4: Prof. Hima Bindu Maringanti
Pondering into Rhythm and its manifestation in Human Wellbeing

Break

CR Day: Session C3: Guest Talks & Theme Talk **TIME: 16:00-18:00 (IST)**

Moderator: Dr. Samir Karmakar

Guest Lecture 5: Smt. Gouri Basu
Theme: Rhythm and Dance

Guest Lecture 6: Prof. Mainak Ghosh
Theme: Rhythm and Design

Theme Lecture 1: Prof. Dipak Ghosh
Theme 8: Interdisciplinary Exploration of Rhythm and Happiness

CR Day: Session C4: Workshop 2 **TIME: 18:00-19:30 (IST)**

Moderator: Prof. Saamdu Chetri

Ms. Kimchi Moyer
“Resopathy: The Rhythms of Wellness”

-----End of Curtain Raiser Day-----

FRIDAY (DAY 1) **DECEMBER 10, 2021**

Day 1: INAUGURAL SESSION **TIME: 09:00 – 10:15 IST**

Invocation 09:00-9:05

Convenors - Intro About ICRH 2021 09:05-9:10

Welcome Address: Deputy Director, IIT Kharagpur 09:10-9:20

Inaugural Address by Guest of Honor: Dr. Satinder Singh Rekhi 09:20-9:30

Inaugural Address: Pro-Vice Chancellor, Jadavpur University 09:30-9:40

Address of the Chief Guest: Sri Pullela Gopichand 09:40-10:10

Vote of Thanks 10:10-10:15

Networking Break **TIME: 10:15 – 10:30 IST**

Day 1: Session 1: Keynote Lecture **TIME: 10:30 – 12:00 IST**

Moderator: Prof. Saamdu Chetri

Keynote Speaker 1: Prof. Manas K Mandal
Biological Rhythm Affects Our Mental States

Keynote Speaker 2: Prof. Joy Sen
Works of Sri Aurobindo and Abraham Maslow: A Binary Clue to the Science of Happiness

Day 1: Session 2: Contributory Session 2A **TIME 12:00 - 13:00 IST**

Chairperson : Prof. Hima Bindu Maringanti

Paper 40

Vrinda Prajapati, Rajlakshmi Guha and Aurobinda Routray

“My emotional intelligence impacts my body’s responses at every stage of an emotional situation”: Association between EI and emotion trajectory

Paper 49

**Suparna Rooj, Vrinda Prajapati, Mohamed Ismail Yasar Arafath K.,
Aurobinda Routray and Manas Kumar Mandal**

Expression of Happiness in Thermography

Paper 29**Medha Basu, Archi Banerjee, Shankha Sanyal, Kumardeb Banerjee and Dipak Ghosh**

Styles and Rhythms of musical transitions in Indian Ragas: An Acoustical and Perceptual Exploration

Day 1: Session 2: Contributory Session 2B**TIME 12:00 - 13:00 IST**

Chairperson: Dr. Soumya Sankar Ghosh**Paper 62****Arka Banerjee, Archi Banerjee, Shankha Sanyal and Souvik Kumar Das**

Role of Speech Rhythms in Shaping Meaning Inferences: An Experimental Study in Bangla

Paper 66**Suchitra Pramanik, Raju Mullick, Prof. Priyadarshi Patnaik, Dr. Sourangshu Bhattacharya and Dr. Tanusree Dutta**

Exploration of Regularity and Periodicity of Nonverbal Facial Expression and Speech Patterns in Human Dyadic Interaction

Paper 24**Shankha Sanyal, Samir Karmakar, Namrata Paul, Mouma Banik, Archi Banerjee and Sayan Nag**

A PSYCHO-ACOUSTICAL EXPLORATION OF MULTI VERB CONSTRUCTIONS IN BENGALI SPEECH RHYTHMS

Lunch Break**TIME 13.00 – 14.00 IST**

Day 1: Session 3: Theme Lectures**TIME 14.00 – 14.45 IST****Moderator: Dr. Jenia Mukherjee****Theme Lecture 2: Prof. Priyadarshi Patnaik**

Theme 2: The Rhythms of Happiness in Music, Visual Arts and Dance

Theme Lecture 3: Dr. Anway Mukhopadhyay

Theme 5: Rhythm in Sound & Vibration: Wellbeing from Philosophical and Scientific Perspectives

Day 1: Session 4: Contributory Session 4A**TIME 14.45 – 15.45 IST**

Chairperson: Dr. Kirthana Kunikullaya U**Paper 1****Koyel Mukherjee**

Patterned Rhythms and Emotions: The emotive quality of Comics

Paper 32

Ashraf Alam, Atasi Mohanty and Dr. Shamsheer Alam

The Untapped Power of Rhythmic Music : Its Role in School Curriculum and its Effect on Students' Academic Achievement

Paper 19

Susmi Pani, Indranil Chatterjee and Suman Kumar

Manual Therapy in Muscle Tension Dysphonia (MTD) for singers – recent reviews and a case study

Day 1: Session 4: Contributory Session 4B

TIME 14.45 – 15.45 IST

Chairperson: Dr. Arka Banerjee

Paper 61

Shalini Chaudhary and Nitin Arora

If work doesn't make you happy then probably your emotional intelligence competencies need to be polished

Paper 18

Dwaipayan Roy and Shuchi Kaparwan

Positive Psychology and its' Interconnection with English Literature

Paper 55

Sinjana Choudhuri, J Maiti and Priyadarshi Patnaik

Assessing positive and negative emotional states based on psychophysiological signals

Networking Break

TIME: 15.45 – 16.00 IST

Day 1: Session 5: Contributory Session 5A

TIME 16.00 – 17.00 IST

Chairperson: Dr. Kaustuv Kanti Ganguly

Paper 36

Nishanth P and Udayanandan K. M.

WHY SOME MUSICAL INSTRUMENTS ARE ALLURING?

Paper 78

Ratul Ghosh, Shankha Sanyal, Archi Banerjee, Samir Karmakar, Dipak Ghosh

Emotions from Bengali speech: Looking through acoustic and psychological lens

Paper 67

Raju Mullick, Junmoni Borgohain, Gouri Karambelkar, Suchitra Pramanik and Priyadarshi Patnaik

Day 1: Session 5: Contributory Session 5B

TIME 16.00 – 17.00 IST

Chairperson: Dr. Samir Karmakar

Paper 43

Pooja Kumawat and Aurobinda Routray

Investigating the Role of Silence in Speech Emotion Recognition Systems

Paper 8

Nagashreeya D, Dr Nataraja N.P and Harshitha Jain

CEPSTAL ANALYSIS OF VOICE IN INDIVIDUALS WITH SPASMODIC DYSPHONIA

Paper 60

Shantanu Raj, Gouri Karambelkar, Priyadarshi Patnaik and Tanusree Dutta

Music, Rhythm and Flow: A Phenomenological Exploration of Musicians' Perception

Day 1: Session 6: Keynote Lecture & Theme Talk

TIME: 17.00 -19:00 IST

Moderator: Dr. Tanusree Dutta

Keynote Speaker 3: Dr. Tia Kansara

Epigenetics of Wellbeing

Keynote Speaker 4: Prof. Damodar Suar

Happiness - Meaning, Correlates and Interventions

PANEL DISCUSSION

TIME 19:00 - 19:30 IST

Cultural_Program

TIME 19.30-20:30 IST

-----End of Day One-----

SATURDAY (DAY 2)

DECEMBER 11, 2021

Day 2: Session 7: Keynote Lecture

TIME: 09.00 -10:30 IST

Moderator: Prof. Priyadarshi Patnaik

Keynote Speaker 5: Prof. Aneel Chima

The Future of Flourishing

Keynote Speaker 6: Dr. Satinder Singh Rekhi

Day 2: Session 8: Contributory Session 8A

TIME 10:30-11:30 IST

Chairperson: Dr. Nitin Arora

Paper 6

Farhana Sultana Karim and Dr. Satyapriya Maharana

Effect of Integrated Approach of Yoga Therapy, Hymns, and Music on Expecting Mothers and Fetus - A Holistic Approach

Paper 9

Brig Js Rajpurohit and Prof Arup Barman

RIDING THROUGH THE WAVES OF HAPPINESS INTO WILDERNESS OF UNCONSCIOUSNESS

Paper 17

Dr. Archana Satsangi and Varsha Gautam

Psychological Resilience and Emotional Competency as Predicting Factors in Determining Automatic Positive Thoughts

Day 2: Session 8: Contributory Session 8B

TIME 10:30-11:30 IST

Chairperson : Dr. Shankha Sanyal

Paper 41

Dr. Rupa Talukdar and Mr. Nantu Shaw

A metacognitive way to improve the general mental wellbeing through guided imagery: A customized tool based approach based on individual demand

Paper 57

Joy Mustafi, Palak Ahuja, Debayoni Mal and Susmita Mukhopadhyay

Automatic Project Group Formation based on Leadership Quality and Characteristics Strength using Hybrid Machine Learning

Paper 39

Darshita Pathak and Dr Tejas Patalia

Sanchay: A Literary Dataset of Indian Filmy Songs

Networking Break

TIME: 11.30 – 11.45 IST

Day 2: Session 9: Theme Lectures

TIME 11.45 – 12.30 IST

Moderator: Dr. Samir Karmakar

Theme Lecture 5: Prof. Narayan Chandra Nayak

Theme 3: Rhythms in Everyday Life and Culture & their contribution to Happiness and Wellbeing

Theme Lecture 6: Dr. Jenia Mukherjee

Theme 7: Ecological Rhythm, Environment and Wellbeing

Day 2: Session 10: Contributory Session 10A

TIME 12:30-13:30 IST

Chairperson : Dr. Kaustuv Kanti Ganguly

Paper 71

Shreyashi Bhattacharya, Raktima Ghosh and Debika Banerji

Disrupted Rhythms on a South Asian Deltascape: Riverine Resilience in Kolkata and Indian Sundarbans

Paper 53

Archi Banerjee, Shankha Sanyal, Priyadarshi Patnaik and Dipak Ghosh

Neural Rhythms from Musical Rhythms: A Nonlinear Exploration

Paper 38

Pijush Kanti Gayen, Medha Basu, Uddalok Sarkar, Shankha Sanyal, Archi Banerjee, Sayan Nag, Samir Karmakar and Dipak Ghosh

Classification of Speech Rhythm using Brain Rhythm: An EEG study on natural Bengali Speech prosody

Day 2: Session 10: Contributory Session 10B

TIME 12:30-13:30 IST

Chairperson : Dr. Arka Banerjee

Paper 13

Jincy Cherian and Dr. Preet Kumari

MEDIATING ROLE OF GRIT IN THE LINK BETWEEN HOPE AND HAPPINESS AMONG STUDENTS

Paper 77

Supriyo Chakraborty, Gopal Bag and Sagnika Sahoo

RHYTHM BRINGS HAPPINESS: A DISCOURSE ON THE SCIENCE OF HAPPINESS THROUGH THE LENS OF YOGA PHILOSOPHY AND POSITIVE PSYCHOLOGY

Paper 44

Sanga Chaki, Priyadarshi Patnaik, Sourangshu Bhattacharya and Gouri Karambelkar

Rhythm, Tempo and Ambiguous Emotions: An Audience Response Driven Exploration

Lunch Break

TIME 13.30 – 14.30 IST

Day 2: Session 11: Keynote Lecture

TIME: 14.30 -16:00 IST

Moderator: Prof. Indranil Dutta

Keynote Speaker 7: Radhika Punshi and David Jones
The Science of Wellbeing

Keynote Speaker 8: Prof. Debi Prasanna Pattanayak
Identity, Language, Social Cohesion and the Rhythm of Life

Day 2: Session 12: Contributory Session 12A

TIME 16:00 – 17:00 IST

Chairperson : Dr. Anway Mukhopadhyay

Paper 33

Achyuth K N and Thyagaraj H S

A study on Epistemological aspects of Sound and vibration by Indian Traditional Shaktha Philosophical Approach

Paper 48

Madhuvanti Bandyopadhyay

Rhythm of the Universe: A Quest to the Philosophical Views of Upaniṣad and Yoga

Paper 45

Mohamed Ismail Yasar Arafath K., Suparna Rooj, Saswata Satpathi, Mohammed Abeer. K. C., Shamseer K. K. and Aurobinda Routray

EFFECT OF DIAPHRAGMATIC BREATHING ON SPEECH

Day 2: Session 12: Contributory Session 12B

TIME 16:00 – 17:00 IST

Chairperson : Dr. Kirthana Kunikullaya U

Paper 54

Dhriti Shankar and Priyadarshi Patnaik

Rhythms of revolution: a musical-rhythm analytic take on Tagore's Raktakaravi and Tasher Desh

Paper 70

Prachi Joshi, Archi Banerjee, Aurobinda Routray and Priyadarshi Patnaik

Assessment of Effectiveness of Emotion Induction through Music, Visual and Multimedia stimuli

Paper 37

Kurchika Nath

Religious Rhythm- Mapping the Community in Vaishnava Kirtans

Networking Break

TIME: 17.00 – 17.15 IST

Day 2: Session 13: Keynote Lecture

TIME: 17.15 -19:30 IST

Moderator: Prof. Aurobinda Routray

Keynote Speaker 9: Prof. Prateep Nayak

Social-Ecological Rhythm and Wellbeing

Keynote Speaker 10: Prof. Pankaj Panwar

Being in Rhythm = Being in Sync = Spontaneity/Creativity

Keynote Speaker 11: Sahajananda Maharaj

Every Moment Bliss through Conscious Rhythmic Breath

PANEL DISCUSSION

TIME 19.30 – 20.00 IST

-----*End of Day Two*-----

SUNDAY (DAY 3)

DECEMBER 12, 2021

Day 3: Session 14: Keynote Lecture

TIME: 9.00 - 9:45 IST

Moderator: Dr. Rajlakshmi Guha

Keynote Speaker 12: Prof. Loretta Breuning

Your Power Over Your Happy Brain Chemicals

Day 3: Session 15: Contributory Session 15A

TIME 09:45-10:45 IST

Chairperson : Prof. Hima Bindu Maringanti

Paper 28

Madhuparna Gangopadhyay, Medha Basu, Archi Banerjee, Shankha Sanyal and Dipak Ghosh

Study of emotion association in multimodal music input with human response

Paper 12

Samuel S Mitra, Peter Arockiam. A., Joseph K., Dr. Milton Costa and Payal Sharma

Music Listening and Psychological Well-Being during COVID-19 pandemic: Empirical Analysis of the perceptions of West Bengal public

Paper 5

Vidhi Mahanot and Dr. Meenakshi Chauhan

Seeking Forgiveness: Motivations and Benefits

Day 3: Session 15: Contributory Session 15B

TIME 09:45-10:45 IST

Chairperson : Dr. Pinaki Gayen

Paper 56**Soham Mallick, Aratrika Patnaik and Priyadarshi Patnaik**

Rhythm in Everyday Aesthetics: An Exploration of the act of Doodling and its Visual Features

Paper 68**Gokulmuthu Narayanaswamy, Anuradha Choudry and Praphulla Shukla**

Rhythms of Breathing

Paper 76**Aparna Vajpayee**

Chasing Happiness and Longevity of Life through Buddhism in Bhutan

*Networking Break***TIME: 10.45 – 11.00 IST**

Day 3: Session 16: Keynote Lecture**TIME: 11:00 - 12:30 IST****Moderator: Prof. Priyadarshi Patnaik****Keynote Speaker 13: Prof. Arindam Chakrabarti**

Kaala, Taala, Breaythm and Bliss

Theme Lecture 4: Prof. Aurobinda Routray

Theme 1: Influence of Rhythm, Happiness and Well-being: Cognitive and Bio-sciences' perspectives

Day 3: Session 17: Contributory Session 17A**TIME 12:30-13:30 IST****Chairperson: Dr. Jenia Mukherjee****Paper 65****Chirashree Srabani Rath, Arundhati Patnaik, Rashmi Ranjan Behera and Priyadarshi Patnaik**

Ecological Rhythms and Cultural Practices: An Exploration in the Context of Chilika Lagoon

Paper 22**Sevil Berenji and Ankur Shukla**

Exploring rhythms of social wellbeing in a complex coastal social-ecological system: A case of small-scale fishery in Sagar Island, Indian Sundarbans

Paper 34**Nabanita Samanta**

'Ticking of Eternity': Human-Plant Entanglement, Vegetal Agency, and the Rhythm of the Agricultural Time

Day 3: Session 17: Contributory Session 17B**TIME 12:30-13:30 IST****Chairperson : Dr. Bornini Lahiri**

Paper 47**Arghyadip Mondal**

The Omnipresence of Rhythm in Literature and Beyond

Paper 52**Anagh Chattopadhyay, Soumya Sankar Ghosh and Samir Karmakar**

What can a hierarchical cluster say, if studied synchronically? - An Investigation in Conceptual Categorization

Paper 58**Rashmi Ranjan Behera, Junmoni Borgohain, Diganta Panda, Gouri Karambelkar, Aratrika Patnaik and Priyadarshi Patnaik**

The Pleasures of Reading a Poem: An Eye-tracker and Audience Response Study of Recurrent Reading of Regular and Irregular Verse

*Lunch Break*TIME 13.30 – 14.30 IST

Day 3: Session 18: Contributory Session 18ATIME 14:30 – 15:30 IST

Chairperson : Dr. Soumya Sankar Ghosh**Paper 23****Sibansu Mukhopadhyay and Rimi Ghosh Dastidar**

Poetic text in a certain semiosphere

Paper 69**Rini Bhattacharyya and Dipak Ghosh**

Rhythm in suspense stories- attempt to characterize quantitatively using methodology of information science

Paper31**Rajoshree Chatterjee and Jaysree Chakraborty**

Understanding the nexus between Rhyme, Rhythm and Happiness in Bengali Chharas (Nursery Rhymes)

Day 3: Session 18: Contributory Session 18BTIME 14:30 – 15:30 IST

Chairperson : Dr. Nitin Arora**Paper64****Sharadwat Manna**

Relations between Rhythm and Memory in Indian and Bengali Literary Tradition

Paper 15**Deepratrick Biswas, Ahmad M Mirza and Paritosh Kumar**

Exploring potential connections between built-environment and its probable impacts on biological rhythms and well-being of individuals: A systematic review.

Paper 8

Nagashreeya D, Dr Nataraja N.P and Harshitha Jain

CEPSTRAL ANALYSIS OF VOICE IN INDIVIDUALS WITH SPASMODIC DYSPHONIA

Day 3: Session 19: Keynote Lecture & Theme Talks

TIME: 15.30 -17:15 IST

Moderator: Prof. Indranil Dutta

Keynote Speaker 14: Dr. Nilamadhab Kar

Biological Rhythms, Mental Health and Happiness

Theme Lecture 7: Dr. Tanusree Dutta

Theme 4: Rhythm and Positive Psychology

Theme Lecture 8: Dr. Samir Karmakar

Theme 6: Rhythm of Positive Communication: Language and Speech, Poetry

Networking Break

TIME: 17.15 – 17.30 IST

Day 3: Session 20: Keynote Lecture

TIME: 17.30 -19:00 IST

Moderator: Prof. Joy Sen & Dr. Archi Banerjee

Keynote Speaker 15: Pandit Ajoy Chakrabarty

Musical Lecture Demonstration

VALEDICTORY SESSION

TIME: 19:00-19:30 IST

Day 3: Session 21: Keynote Lecture

TIME: 19.30 -20:15 IST

Moderator: Prof. Kanchan Chowdhury

Keynote Speaker 16: Prof. Partha Ghosh

Orchestrating Inner Universe with the Outer Universe: *Engaging with your Inner Conscience to uncover the Happiness within*

-----End of Day Three-----