

The Radio Universe: Prospects in Instrumentation & Data Science
20-21 August 2019 – General Program

Time Schedule	August 20th (Tuesday)	August 21st (Wednesday)
9:00-9:15	Opening Session	BDA Movie – Guga
9:15-10:00	PS1 – H.O. Vats	PS4 – Z. Abraham
10:00-10:20	KS1 – J. Costa	KS8 – S. Stephany
10:20-10:45	Coffee-Break	Coffee-Break
10:45-11:05	KS2 – P. Subramanian	KS9 – H.F.C. Velho
11:05-11:25	KS3 – P. Manoharan	KS10 – H.S. Sawant
11:25-11:45	KS4 – C. Strauss	SC
11:45-12:30	BDA Team + Posters	Round Table
12:30-14:00	Lunch	Lunch
14:00-14:45	PS2 – A. Wuensche	PS5 – J. Lepine
14:45-15:05	KS5 – J. Braga	KS11 – G. Castro
15:05-15:25	KS6 – J. Melendes	KS12 – J-P. Raulin
15:25-16:00	Coffee-Break & Panels A	Coffee-Break & Panels B
16:00-16:20 (16:45)	KS7 – F. Madsen	PS6 – A. Valio
16:20-17:05 (17:30)	PS3 – N. Gopalswamy	Tribute to H.S.Sawant, & P. Kaufmann + Closing Session
18:30-21:30	Pint of (Radio) Science	Workshop Dinner

PS – Plenary Speaker (40+05 min)

KS – Keynote Speaker (15+5 min)

SC – Short Communication (5 + 1 min)

August 20th – Tuesday

Chair: R.R.Rosa

9:00-9:15 – Opening Session

PS1 -9:15-10:00 – Hari Om Vats – *The Role of Radioastronomy in the Space Education and Research Foundation (SERF-India).*

KS1 – 10:00-10:20 – Joaquim Costa – *The Brazilian Solar Radio Astronomy from ROI to BDA*

10:20-10:45 – Coffee & Posters

KS2 – 11:05 – 11:25 – Prasad Subramanian – *Radio-wave propagation and scattering: current progress and challenges*

KS3 – 11:05 – 11:25 – Periasamy Manahoran – *Solar Wind and Space Weather Studies with the Ooty Radio Telescope*

KS4 – 11:25-11:45 – Cesar Strauss - *Design of BDA array phase II*

11:45-12:30 – *BDA Team + Posters*

12:30-14:00 – Lunch

Chair: J.R. Cecatto

PS2 - 14:00-14:45 – Alexandre Wuensche – *BINGO: Status and Perspectives*

KS5-14:45-15:05 – João Braga – *Fast Radio Bursts (FRB): a new challenge in radio astronomy*

KS6 - 15:05-15:25 – Jorge Melendez – *Investigating Type III Solar Radio Emissions with Sawant and after*

15:25-16:00 – Coffee & Posters

KS7 -16:00-16:20 – Felipe Madsen – *Computational Challenges in Radio Interferometry*

PS3 - 16:20-17:05 – Nat Gopalswamy – *Recent Achievements in Solar Radio Physics*

17:05-17:15 – Wrap-up (Open Discussions on the Talks of the Day)

18:30 – 21:30 – Pint of (Radio) Science (TBA) – Dama Beer Delivery (Beer Garten)
R. Santa Elza, 478 - Vila Adyana, São José dos Campos - SP, 12243-690

August 21st – Wednesday

Chair: R.R.Rosa

9:00-9:15 – BDA Movie – Francisco C.R. Fernandes

PS4 -9:15-10:00 – Zulema Abrahan – *On the perspectives of Itapetinga Radio Observatory (from now to the future)*

KS8 – 10:00-10:20 – Stephan Stephany – *On the Design of BDA Array Phase II*

10:20-10:45 – Coffee & Posters

KS9 – 10:45-11:05

Haroldo F. Campo Velho - *Topics on Space Weather: operational numerical prediction for electron content*

KS10 – 11:05 – 11:25

Hanumant S. Sawant – *Interview*

11:25-11:45 – Short Communications (TBA)

11:45-12:30 - *Round Table on the Brazilian Radio Astronomy: Prospects in Instrumentation & Data Science*

12:30-14:00 – Lunch

Chair: F.C.R. Fernandes

PS5 - 14:00-14:45 – Jacques Lepine – *Radio astronomy in the near future: an overview of strategic projects*

KS11-14:45-15:05 – Guillermo G. Castro – *A Panorama on High Energy Solar Physics: Observations, Instrumentation and Theory at THz frequencies.*

KS12 - 15:05-15:25 – Jean-Pierre Raulin - *Solar and Solar-Terrestrial Physics Research Activities at the Center for Radio Astronomy and Astrophysics Mackenzie (CRAAM)*

15:25-16:00 – Coffee & Posters

PS6 -16:00-16:45 – Adriana Valio – **TBA**

16:45-17:15 – *Tribute to H.S. Sawant & Pierre Kaufmann (with Pedro Levi Kaufmann)*

17:15-17:30 – Closing Session

18:30 – 21:00 – Barbecue at ADC INPE