
WSRT@40 Program (Westerbork, 22 October 2010)

10:00 - 10:30 Registration (badges !) and Coffee

Start of mini-symposium (in the small tent): 10:30 AM

5m Rene Vermeulen Welcome

Session T1: "Building and upgrading the WSRT"

2m Wim Brouw Introduction
15m Jan Högbom From CAP to SRT and B to W
15m Jaap Baars Building and maintaining the WSRT dishes
13m Wim Brouw Steering the WSRT and processing its data

Session T2: "Receivers and backends for the WSRT"

10m Jean Casse Early receiver developments
10m Ron Allen The 80-channel Analog Line Backend
15m Jaap Bregman Backends
15m Bert Woestenburg Frontends

Session S1: "Continuum surveys: radiogalaxies & starbursts"

15m Harry van der Laan The WSRT: people, science and early programs/theses
15m Hans de Ruiter Early WSRT continuum surveys and their science

~12:40 – 13:30 Lunch

10m Ger de Bruyn Recent WSRT continuum surveys and their spinoff

Session S2: "WSRT, HI and the Universe"

5m Renzo Sancisi The impact
15m Bob Sanders Dark matter
20m Jacqueline van Gorkom HI discoveries: the highlights

Session T3: "Special applications for the WSRT"

15m Huib Jan van Langevelde The use of the WSRT for VLBI
10m Joeri van Leeuwen PUMA, a pulsar backend

Session S3: “Clusters, radio galaxies and AGN”

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| 15m | Ron Ekers | Normal galaxies, BBHs, cluster relics |
| 15m | George Miley | Radio trails sources and high-z sources in clusters |
| 10m | Tony Willis | Giant Radio Galaxies and the Black Hole Paradigm |
| 10m | Raffaella Morganti | HI absorption in AGN |

~ 15:40 – 16:00 Tea/coffee

Session T4: “Online & offline software for the WSRT”

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| 35m | Jan Noordam | “The various contributors (Wim Brouw, Hans van Someren Greve, Ron Allen, Thijs van der Hulst, Jan Noordam, Ger van Diepen, Johan Hamaker, Marco de Vos, Oleg Smirnov) will bring you a consistent story of 40 years of software development” |
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Session S4: “Compact objects and Pulsars”

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| 15m | Miller Goss | The role of the WSRT in the Discovery of the First Millisecond Pulsar PSR 1937+21; In memoriam Donald C. Backer |
| 15m | Ben Stappers | Pulsar research with the WSRT |
| 10m | Ralph Wijers | Gamma Ray Bursters |
| 15m | Ed van den Heuvel | X-ray binaries |

Session S5: “Galactic interstellar medium and Polarization”

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| 10m | Miller Goss | The ISM - Highlights of 40 Years Research; a Summary |
| 10m | Harm Habing | Compact HII regions |
| 15m | Peter Katgert | Diffuse polarization and the Galactic magnetic field |

Beyond WSRT@40:

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| 10m | Tom Oosterloo | APERTIF: the next decade for the WSRT |
| | Mike Garrett | Closing remarks |

18:00 - 18:30 Informal reception: drinks will be served in the large tent

18:45 - ~21:30 ISKAF movie followed by a buffet dinner