

PROGRAM

Day 1: December 12, Tuesday

MORNING

Registration

9:00- 9:30 **Registration**

Welcome & Opening

9:30- 9:45 **Welcome & Opening**

Prof. dr. R. Kaptein,

General Secretary of the KNAW

Session 1: Voids in Cosmic Perspective

9:45- 10:45 ***Jim Peebles:***

The Void Problem

Coffeebreak

Session 2: Voids and the Cosmic Web

11:15-11:50 ***Tony Fairall:***

Voids in the 6dF galaxy survey

11:50-12:25 ***Volker Mueller:***

Void Statistics and Galaxies in 2dF

12:25-14:00 **Lunch (Trippenhuis)**

AFTERNOON

Session 3: Voids and Galaxy Surveys

14:00-14:35 ***Pirin Erdogdu/John Huchra:***

The 2MASS redshift survey

14:35-15:10 ***Igor Karachentsev:***

Minivooids in the Local Volume

15:10-15:45 ***Martha Haynes:***

ALFALFA: the Legacy Extragalactic HI survey

Teabreak

16:15-16:50 ***Riccardo Giovanelli:***

ALFALFA: Preliminary Results of the Legacy Extragalactic HI survey

Session 4: Void Identification & Statistics

16:50-17:25 ***Sophie Maurogordato:***

The Void Probability Function: a Review

EVENING

17:30-18:30 ***Reception (Trippenhuis)***

Day 2: December 13, Wednesday

MORNING

Session 5: Void Simulations

- 9:15- 9:50 **Joerg Colberg:**
VOIDS in the Millennium Simulation
- 9:50-10:25 **Stefan Gottloeber:**
Void Growth in Dark Matter Simulations
- 10:25-11:00 **Frazer Pearce:**
Deep Voids in the Millennium Simulation

Coffeebreak

Session 6: Void Evolution

- 11:30-12:05 **Manolis Plionis:**
*Morphological and Dynamical Properties of
DM halos found in voids*
- 14:55-15:30 **Eniko Regoes:**
VOIDS in Lambda Universes
- 12:40-14:00 **Lunch (Trippenhuis)**

AFTERNOON

Session 7: Void Models

- 14:00-14:35 **Ravi Sheth:**
Excursions into Hierarchical Void Formation
- 14:35-15:10 **Erwin Platen:**
The Void Patch Formalism

Session 8: Galaxies and Void Environment

- 15:10-15:45 **Michael Vogelej:**
VOIDS and the SDSS redshift survey

Teabreak

- 16:15-16:50 **Eelco van Kampen:**
VOIDS and Void Galaxies
- 16:50-17:25 **Peder Norberg:**
*Environmental Influence on Galaxy Formation:
semi-analytical modeling & the Millennium simulation*
- 17:25-18:00 **Avishai Dekel:**
*Quenching from Blue to Red Galaxies:
the role of cosmic environment*

EVENING

- 19:00-20:00 **Canal Boat tour**

Day 3: December 14, Thursday

MORNING

Session 9: Void Dynamics and Evolution

- 9:00- 9:35 **Pirin Erdogdu:**
Density and Velocity Fields in the 2MASS survey
- 9:35-10:10 **Roman Juszkiewicz:**
Large Scale Velocity Flows & Void Influence
- 10:10-10:45 **Brent Tully:**
Where do Dwarfs Live: the Local Void

Coffeebreak

Session 10: Voids and Intergalactic Gas

- 11:15-11:50 **John Stocke:**
Baryons In Voids
- 11:50-12:25 **Jelle Ritzerveld:**
Simulating Reionization: Filling the Voids

12:25-14:00 Lunch (Trippenhuis)

AFTERNOON

Session 11: Galaxies and Void Environment

- 14:00-14:35 **Gustavo Yepes:**
Simulating Galaxy Formation in Cosmic Voids
- 14:35-15:10 **Miguel Aragon-Calvo:**
Galaxy alignments and the Cosmic Web
- 15:10-15:45 **Cristiano Porciani:**
Dark Matter Haloes in the Cosmic Web

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Session 12: Voids & Clusters

- 16:10-16:45 **Jaan Einasto:**
The evolution of galaxies in voids and superclusters
- 16:45-17:20 **Antonaldo Diaferio**
Mass and Light in the Outer regions of galaxy clusters

EVENING

- 19:30-22:30 **Conference Dinner**
Indonesian Restaurant "Indrapura"
Rembrandtplein

Day 4: December 15, Friday

MORNING

Session 13: Void Formation and Dynamics

- 9:00- 9:35** **Rien van de Weygaert:**
*Cosmic Flows around Voids: DTFE analysis of
cosmic velocity fields*
- 9:35-10:10** **Jounghun Lee:**
*An Analytic Model for the Tidal Effect
on Cosmic Voids*
- 10:10-10:45** **Yehuda Hoffman:**
*Constrained Simulation of the Local Universe:
Simulating Nearby Voids*

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Session 14: Galaxies and Void Environment

- 11:15- 11:50** **Matthias Hoeft :**
Dwarf Galaxy Formation: suppressing star formation with photo-heating
- 11:50-12:25** **Darren Croton:**
AGNs in voids at $z \sim 1$
- 12:25-13:45** **Lunch (Trippenhuus)**

AFTERNOON

Session 15: Void Models & Analysis

- 13:45-14:20** **Vincent Icke:**
An analytic solution for the growth of Voronoi voids
- 14:20-14:55** **Jose Gaite:**
The hierarchy of cosmic voids

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Session 16: Voids and Cosmology

- 15:25-16:00** **Mark Neyrinck**
*Cosmological Information in
the Matter Power Spectrum and in Void Statistics*
- 16:00-16:35** **Joe Silk:**
Local Voids and the CMB

Session 17: Conference Summary

- 16:45-17:15** **Bernard Jones:**
Summarizing Nothing ... ?

The scientific organizing committee consists of the following 5 members:

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