

Conference at the Royal Netherlands Academy of Arts and Science

# Anton Pannekoek (1873–1960)

## Ways of Viewing Science and Society

### Wednesday 8 June

19:30 – 22:00 Guided tour of the SMBA exhibition “Inverted Night Sky” by **Jeronimo Voss**

### Thursday 9 June

09:00 – 09:30 Registration and welcome coffee

09:30 – 09:40 Introduction by **Jeroen van Dongen**

#### Session 1: The astronomy and socialism of Anton Pannekoek

Chair: Jeroen van Dongen

09:40 – 10:10 **Edward van den Heuvel:** Anton Pannekoek, astronomer and communist, his astronomical work and how Amsterdam got its Astronomical Institute

10:10 – 10:40 **David Baneke:** Pannekoek’s one revolution: Dutch astronomy 1900–1940

10:40 – 11:10 **Robert Smith:** Across the divide: From the one galaxy universe to the expanding universe

11:10 – 11:40 Coffee break

11:40 – 12:10 **Gerrit Voerman:** A rigorous theorist: Anton Pannekoek and his struggle against authorities in the state and in the socialist movement

12:10 – 12:40 **Bart van der Steen:** From politics to science? Pannekoek’s political views on the role and nature of science

12:40 – 14:00 Lunch break

#### Session 2: Connecting science and socialism

Chair: Ralph Wijers

14:00 – 14:30 **Klaas van Berkel:** Utopianism in science and politics: the common ground between Anton Pannekoek’s astronomical and socialist identities

14:30 – 15:00 **Chaokang Tai:** How to represent the Milky Way: Pannekoek’s galactic research and his Marxist philosophy of mind

15:00 – 15:30 Coffee break

15:30 – 16:00 **Gerard Alberts:** Scientific and societal aspirations in the career of Dirk Struik

16:00 – 16:30 **Jeroen van Dongen:** Einstein, Pannekoek, Einstein: anti-revolutionary resentment and the resistance to modernism

16:30 – 17:00 General discussion and closing statements

#### Evening Symposium for General Public

18:30 – 19:00 Registration and drinks

19:00 – 19:30 **Edward van den Heuvel:** Anton Pannekoek, astronoom en socialist, relaties tussen zijn denken over de wetenschap en over de ontwikkeling van de maatschappij

19:30 – 20:00 **Robert Smith:** Across the divide: From the one galaxy universe to the expanding universe

20:00 – 20:30 **Gerrit Voerman:** ‘Een principieel theoreticus’. Anton Pannekoek en zijn strijd tegen autoriteiten in de staat en in de internationale socialistische beweging

20:30 – 21:00 Interview met **Jeronimo Voss** door **Johan Hartle:** Het kunstproject van Voss “Inverted Night Sky” bij het SMBA

## Friday 10 June

09:00 – 09:30 Registration and welcome coffee

### Session 3: Science, Art and Socialism

Chair: Chaokang Tai

09:30 – 10:00 **Jennifer Tucker:** Uncovering Hidden Potential: Pannekoek, Popular Astronomy, and Scientific Socialism

10:00 – 10:30 **Paul Mattick:** Socialism, Art, and Science in the work of Otto Neurath

10:30 – 11:00 **Alexei Kojevnikov:** Universe in Upheaval: Relativistic Cosmology in the Context of the Russian Revolution

11:00 – 11:30 Coffee break

11:30 – 12:00 **Omar Nasim:** Varieties of the Act of Drawing in Astronomy

### Session 4: Socialist Philosophy of Science

Chair: Bart van der Steen

12:00 – 12:30 **Eric-John Russell:** Dialectic in the Hands of a *Handwerker*

12:30 – 13:00 **Annamarie Rullens:** Engineering society: the birth of technocracy: Science through the eyes of Willem Bongers

13:00 – 14:00 Lunch break

14:00 – 14:30 **Alex de Jong & Joost Kircz:** Anton Pannekoek's strict determinism

14:30 – 15:00 **Bart Karstens:** Anton Pannekoek as a Pioneer in the Sociology of Knowledge

### Session 5: How the Arts are Influenced by Science and Socialism

Chair: Edward van den Heuvel

15:00 – 15:30 **Alena Williams:** A Galaxy of Appearances: Anton Pannekoek and the Visual Arts

15:30 – 16:00 Coffee break

16:00 – 16:30 **Johan Hartle:** Cosmos and utopia between progressivism and intangibility

16:30 – 17:00 **Daniela de Paulis:** A Thought Experiment on Mind and Matter in Contemporary Cosmology

17:00 – 17:30 **Sven Lütticken:** Council Aestheticism? Pannekoek, the Avant-Garde and Contemporary Art

17:30 – 17:45 General discussion

17:45 – 18:00 Closing remarks by **Klaas van Berkel**