



**"Perspectives in fundamental physics"
Meeting in memory of Lars Brink**

International Solvay Institutes and Arnold Sommerfeld Center

Program: 17-18 October 2023, Brussels

Venue: Hotel Barsey by Warwick - 381-383, Av. Louise - 1st Floor - Room Barsey III

TUESDAY 17 OCTOBER

12:30 - 14:15

Welcome Lunch (Ground floor)

14:15 - 14:35

Opening Session

Session:

A glimpse into physics

Chair: Bernard Julia

14:35 - 15:15

Paolo Di Vecchia - *Gravitational observables from scattering amplitudes*

15:15 - 15:55

Bengt Nilsson - *Lars Brink: "my baby" N=4 super-Yang-Mills*

15:55 - 16:25

Sucheta Majumdar - *BMS symmetry in light-cone gravity*

16:25 - 16:55

Coffee break (Ground floor)

Session:

Lars Brink and the Swedish Academy

Chair: Alexander Sevrin

16:55 - 17:40

Mats Larsson - *The quantum mechanics Nobel Prizes in 1932/33 to Heisenberg, Schrödinger and Dirac*

17:40 - 17:55

Eva Olsson - *Lars- the teacher, fellow panel chair and academy member*

Session:

Reminiscences from colleagues, friends and family

Chair: Slava Mukhanov

17:55 - 18:10

Jean Iliopoulos - *Lars Brink and the École Normale Supérieure*

18:10 - 18:25

Michael Green - *Learning from Lars*

18:25 - 18:40

Pierre Ramond - *Lars Brink Friend and Physicist*

18:40 - 19:00

Family testimony

19:30

Conference dinner (Ground floor)



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WEDNESDAY 18 OCTOBER

Session: **Göteborg**

Chair: Holger Nielsen

09:30 - 10:00

Måns Henningson - *Lars Brink and fundamental physics in Göteborg*

Session:

Lars and international collaboration

Chair: Costas Bachas

10:00 - 10:40

Marc Henneaux - *From Chile to the International Solvay Institutes*
Radu Constantinescu - *Lars Brink - Honorary member of Physics communities from Romania and from other South-Eastern European countries*
Cesar Gomez - *Lars: an altruist engagement with the Spanish Scientific politics*
Misha Vasiliev - *Lars Brink and International Center for Fundamental Physics in Moscow*

10:40 - 11:10 Coffee break (Ground floor)

Round table on *Why fundamental physics*

11:10 - 12:30

Chair: Ulf Danielsson

Participants: François Englert, Sasha Polyakov, Ulf Danielsson, Gerard 't Hooft and Jean-Marie Solvay

12:30 - 14:00 Lunch (Ground floor)

Round table on *Perspective in physics*

14:00 - 15:20

Chair: Slava Mukhanov

Participants: Eric Aurell, Peter Zoller, David Gross, Marc Mézard and Slava Mukhanov

15:20 - 16:00 Farewell Coffee (Ground floor)