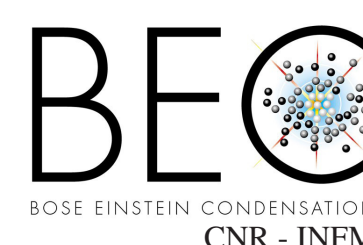
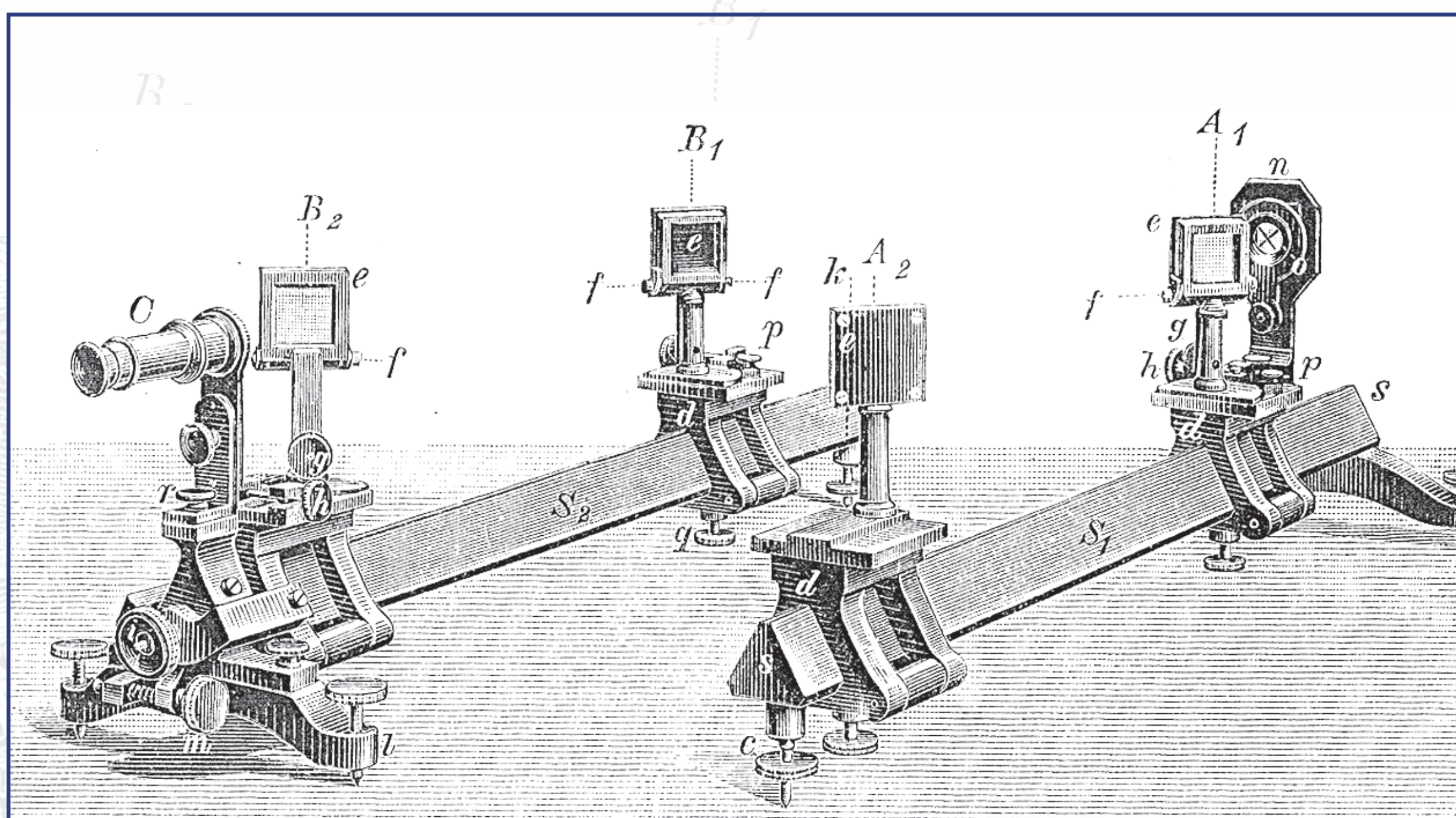




UNIVERSITY
OF TRENTO - Italy



EUROPEAN
SCIENCE
FOUNDATION



COHERENCE, SQUEEZING AND ENTANGLEMENT FOR PRECISION MEASUREMENTS WITH QUANTUM GASES

Levico Terme (Trento)
April 3rd-5th, 2008

Organized by:

A. Smerzi (chair), A. Aspect, M. Inguscio, W. Phillips, S. Stringari

Invited speakers and discussion leaders

A. Aspect (Inst. d'Optique)
F. Biraben (ENS, Paris)
I. Bloch (Mainz)
P. Bouyer (Inst. d'Optique)
J.-H. Choi (MIT)
P. Cladé (Inst. d'Optique)
J. Dalibard (ENS, Paris)
E. Demler (Harvard)
F. Gerbier (ENS, Paris)
R. Glauber (Harvard)
S. Haroche (ENS, Paris)
E.A. Hinds (London)

M. Inguscio (LENS)
R. Kanamoto (Tucson)
M.A. Kasevich (Stanford)
D. Leibfried (Boulder)
M. Lewenstein (ICFO)
P. Meystre (Tucson)
A. Micheli (Innsbruck)
G. Modugno (LENS)
H.-C. Nagerl (Innsbruck)
M. Oberthaler (Heidelberg)
J.M. Obrecht (JILA)
W.D. Phillips (JQI-NIST)

D.E. Pritchard (MIT)
C. Salomon (ENS, Paris)
A. Sampera (ICREA)
J. Schmiedmayer (Wien)
T. Schumm (Wien)
M.O. Scully (TAMU)
A. Smerzi (Trento)
S. Stringari (Trento)
J. Ye (JILA-NIST)
P. Zoller (Innsbruck)
W.H. Zurek (LANL)

[HTTP://PORTALE.UNITN.IT/EVENTS/INTERF08](http://portale.unitn.it/events/interf08)

Secretariat

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Deadline for application: January 31st, 2008