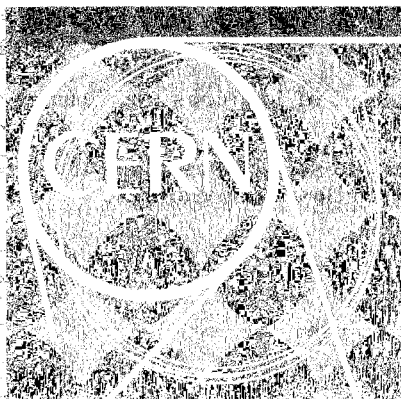
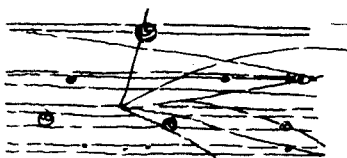




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## seminars

### CERN COLLOQUIUM

Tuesday, August 22  
16.30  
Auditorium

"Black holes and neutron stars in our galaxy"  
R. Ruffini / Princeton University

Abstract : After more than fifty years from the introduction of general relativity, in recent years a new approach to the physics of gravitation has started thanks mainly to three different factors :

- i) major breakthrough in experimental techniques (space research, electronic, low temperature physics, etc.);
- ii) the possibility of sophisticated computer analysis and numerical techniques;
- iii) the discovery of collapsed objects (pulsars, x-ray sources, compact  $\gamma$  ray sources).

Far from proposing academic exercises in mathematical formalism or a check of the 'classical tests' of general relativity and competing theory, today the understanding of the physics of highly curved spaces is finally at reach both from a theoretical and experimental point of view. Black holes, neutron stars, gravitational waves are some aspects of this new research. In the light of the latest experimental results we analyse the most recent development in this field.

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### INTERSECTING STORAGE RINGS COMMITTEE

Wednesday, August 23  
09.30  
Council Chamber

Open Session :  
Presentation of Proposal for Observation of Inelastic Proton-Proton Collisions at the ISR with Streamer Chambers (Aachen - CERN - München Collaboration), by I. Derado

Wednesday, August 23  
14.30  
ISR Conference Room  
(Lab.30-6th fl.-R.003)

Closed Session

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### CERN PARTICLE PHYSICS SEMINARS

Thursday, August 24  
16.30  
Auditorium

"Photons from 300 GeV p-p collisions at NAL"  
C. Rubbia / CERN-Harvard

Tuesday, August 29  
16.30  
Auditorium

"Backward  $\pi^-p$  scattering and  $\bar{p}p$  annihilation into two mesons at 3 and 4 GeV/c"  
S. Limentani / University of Padova