The Oskar Klein Centre and AlbaNova University Center announce the

7th TeVPA Conference

August 1-5 2011

Stockholm, Sweden

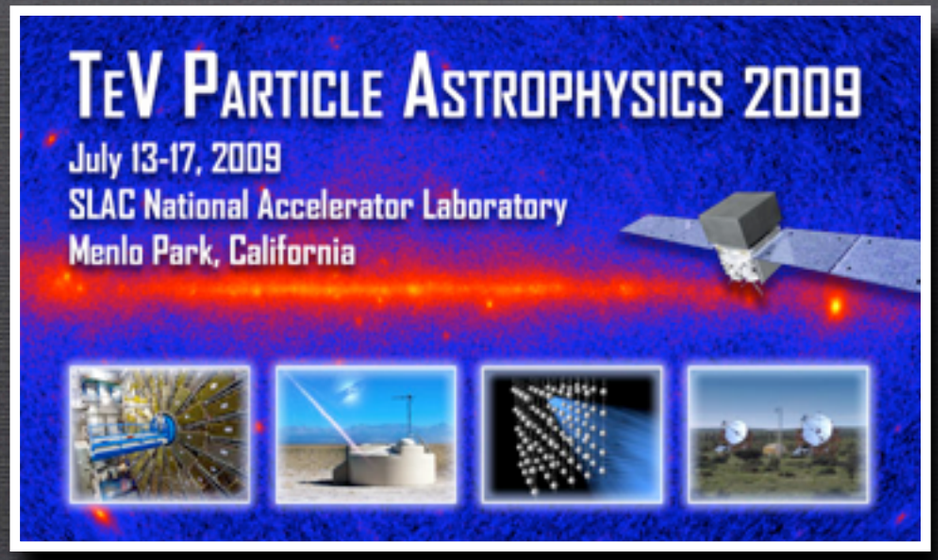
TeV Particle Astrophysics

2005
Fermilab, Chicago USA

2006
U. Madison WI, USA

2007
Venice, Italy

2008
IHEP Beijing, China



2009
SLAC, Stanford U. CA, USA

2010
IAP Paris, France

TeVPA 2011

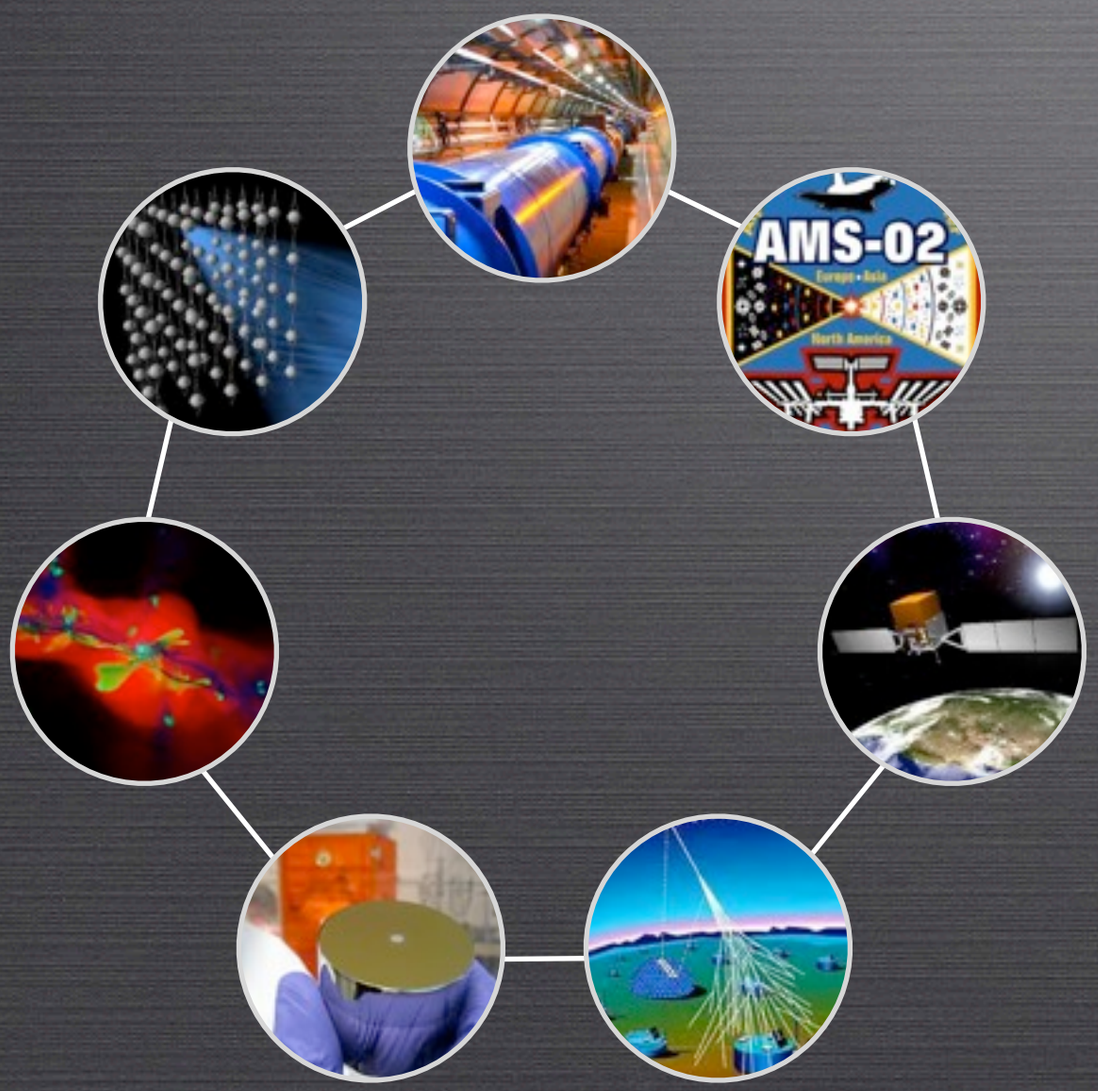
What is it about?

[...] some of the most pressing subjects in modern physics, like

- What is the nature of **dark matter**?
- What is the origin of **cosmic rays**?
- How do **cosmic accelerators** work?

a place where the consistency of experimental results can be checked and possible interpretations can be discussed among both experimentalists and theorists.

What happened since the 2010 edition?



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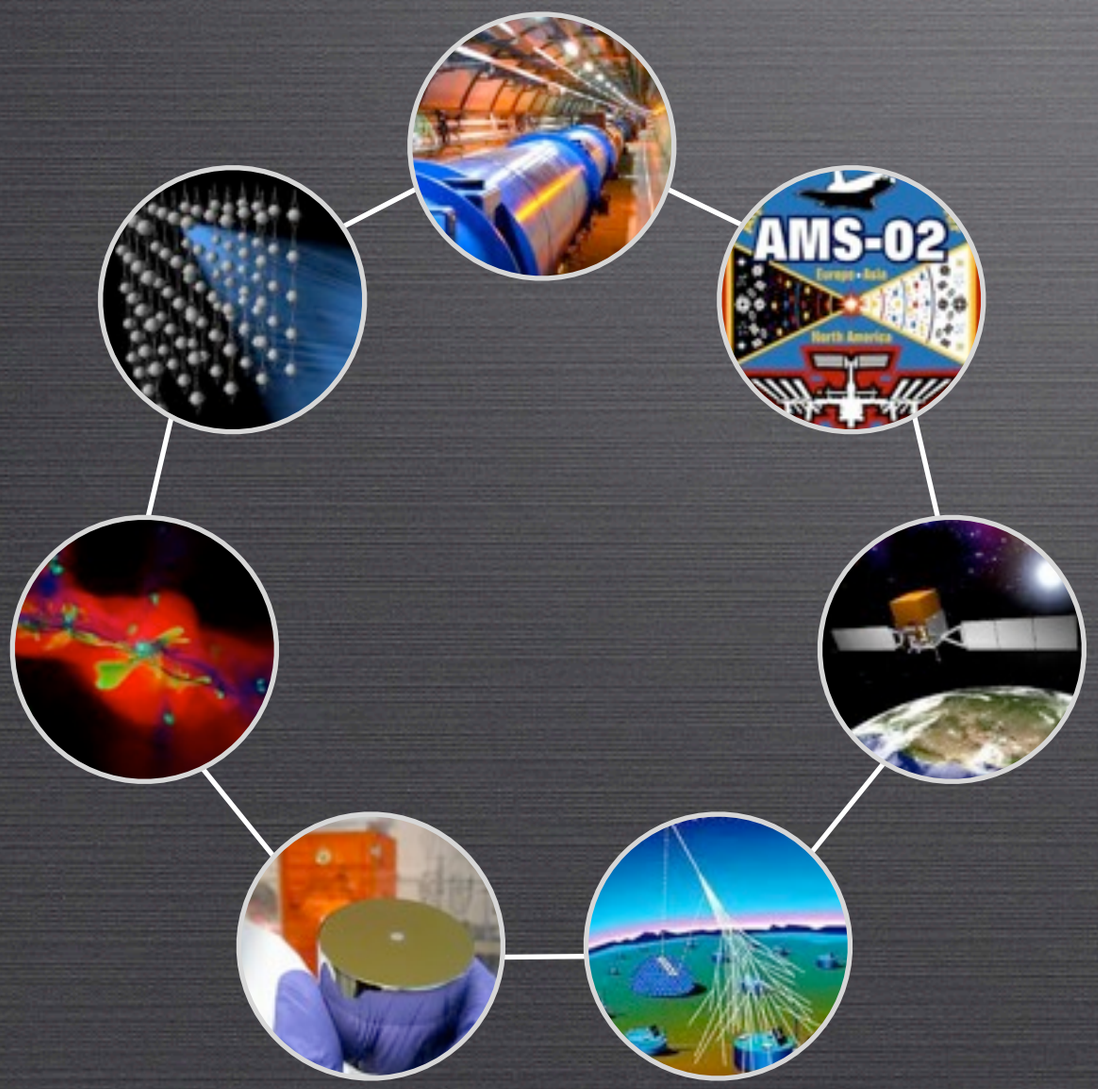

Particle Physics

- Spectacular progress @ LHC

- 1 fb^{-1} data avaialble

- Analyses based on 200 pb^{-1} out!

- Implications for SUSY, Higgs etc.

Plenary: ***Berge***

Convener: ***Jon-And***

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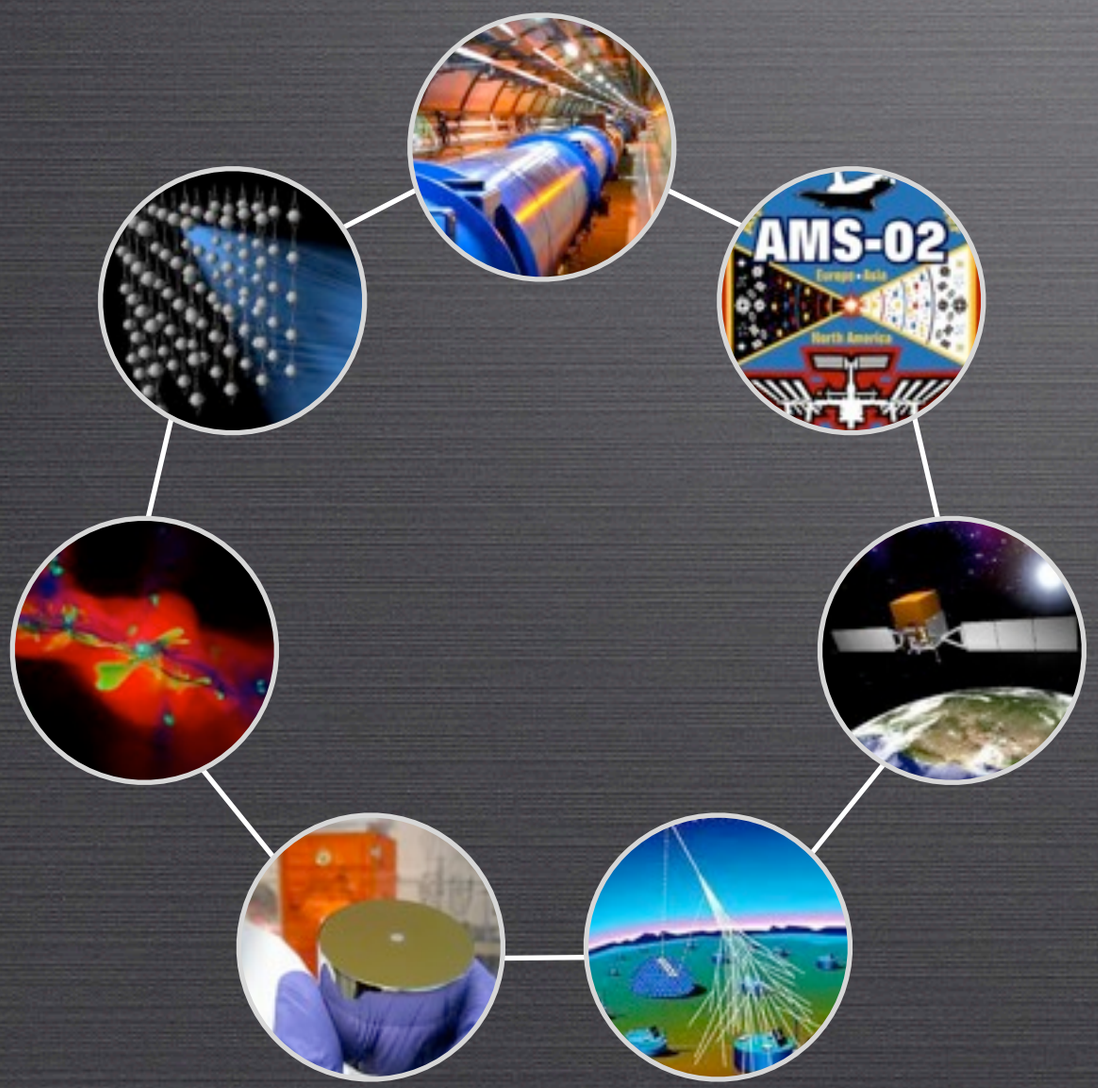

Charged CRs

- AMS-02 launched!

- More PAMELA data

- Updates from ATIC, ARGO-YBJ, GAPS etc.

Plenary: ***Shael, Boezio, Donato***

Conveners PS: ***Donato*** & ***Boezio***

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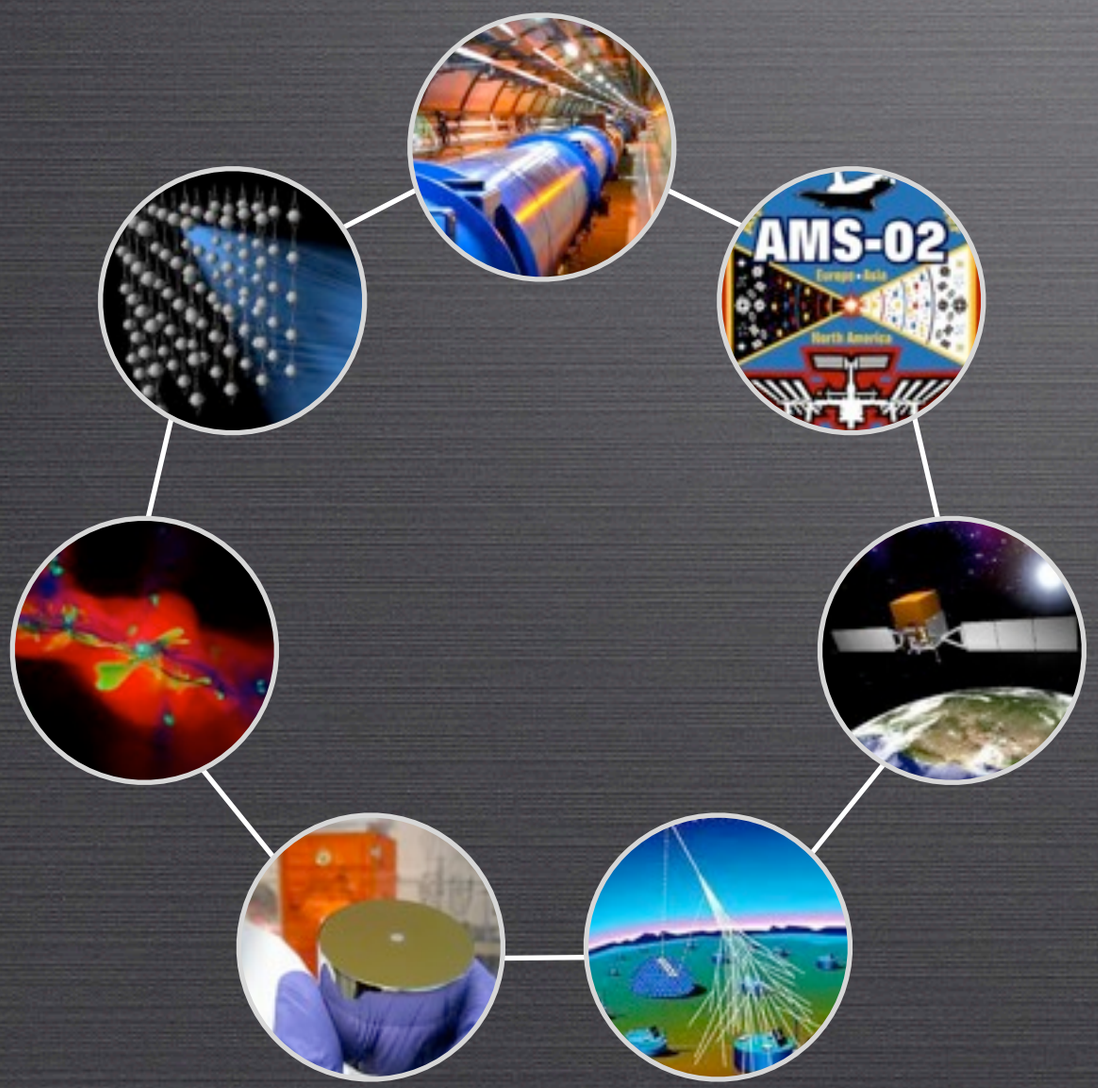

Gamma Rays

- Latest results from Fermi

- Latest results from VERITAS

- Future ACTs etc.

Plenary: ***Buckley***, ***Sinnis***, ***Digel***

PS C: ***Zaharijas***, ***Digel***, ***Stegmann***

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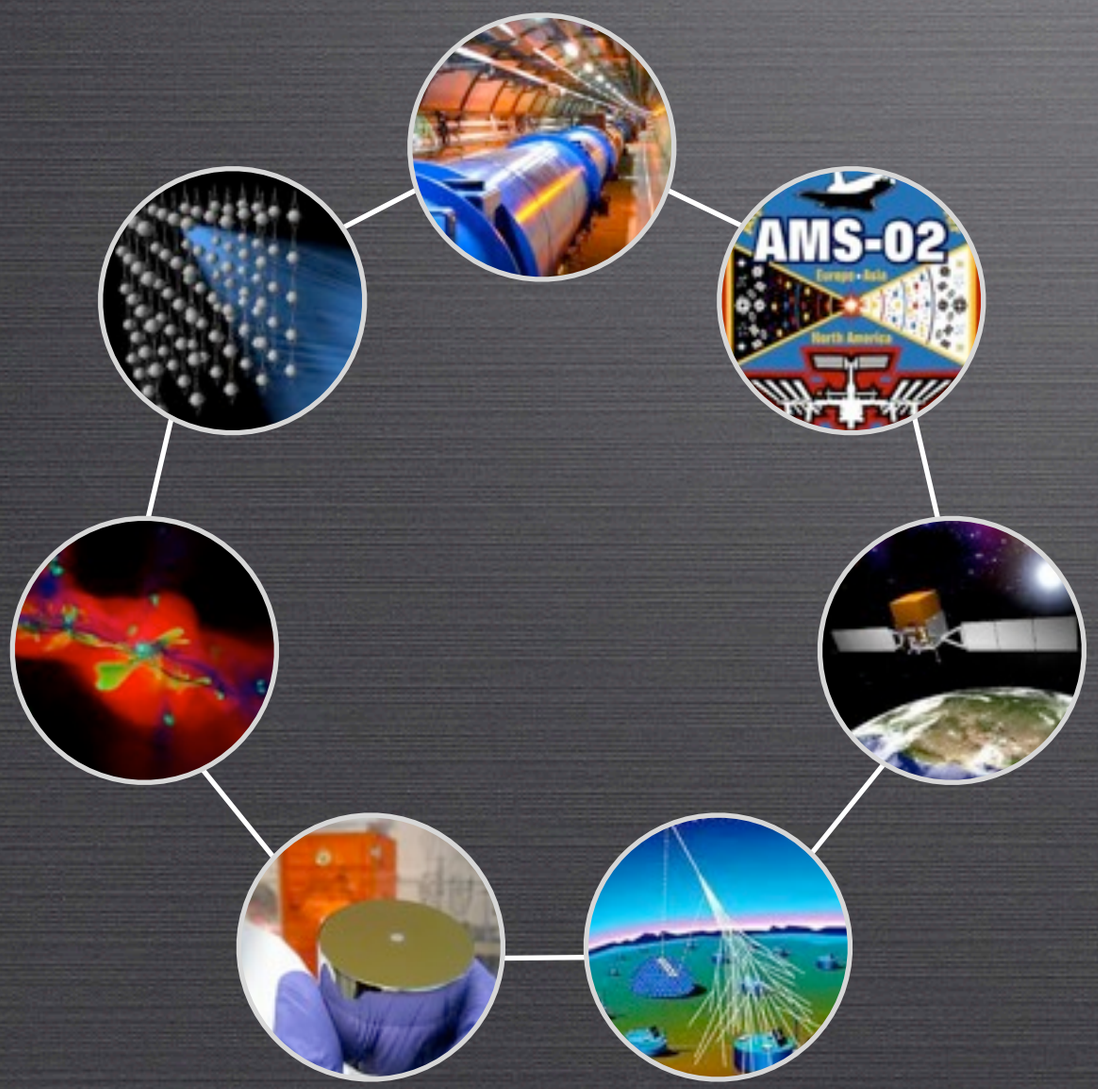

UHECRs

- Results from Auger

- Results from Kascade and Telescope Array

- First results from LHCf

Plenary: ***Blasi***

PS C.: ***Roulet*** and ***Kachelriess***

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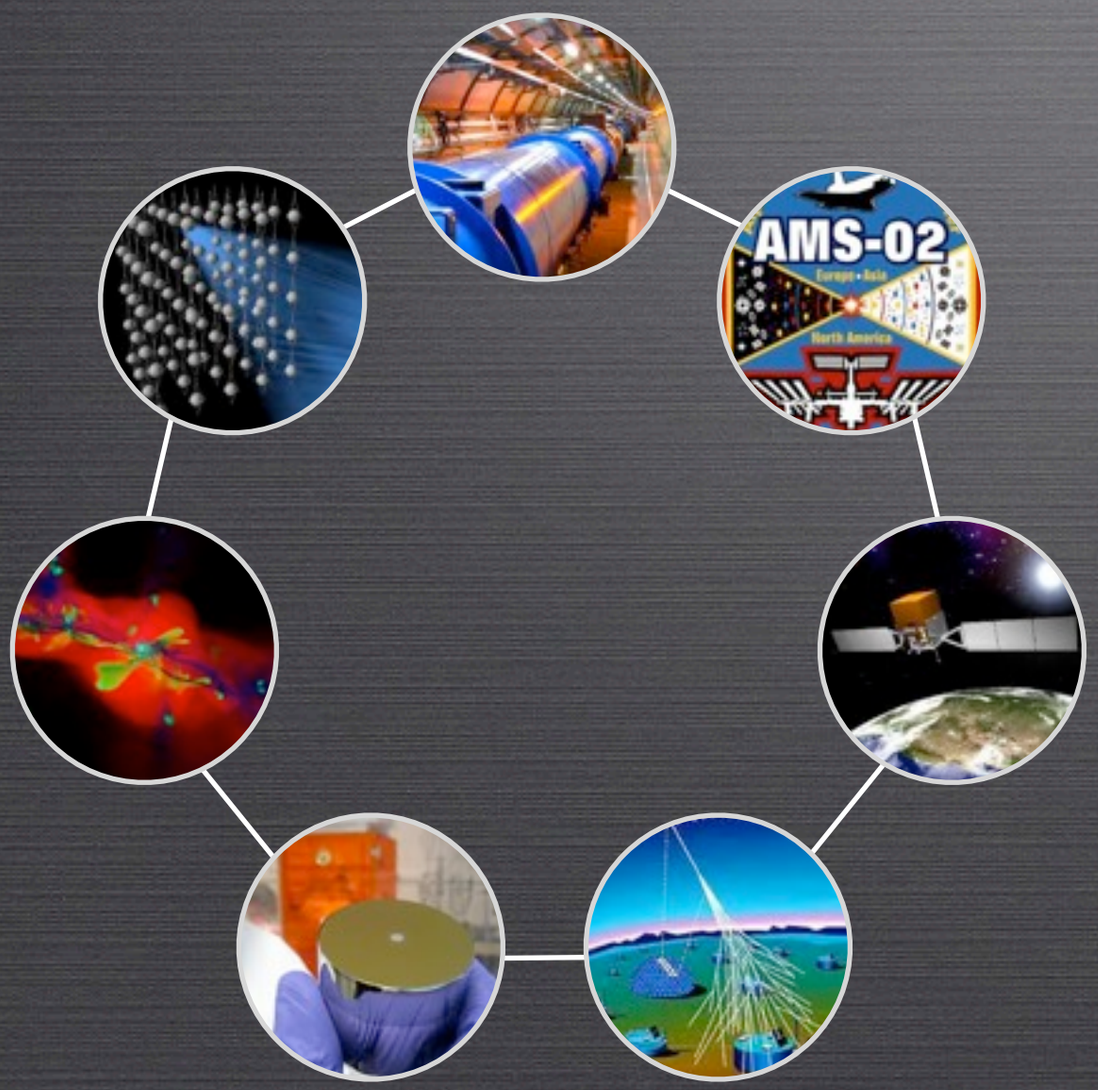

Direct DM searches

- Results from CoGeNT, Xenon100, COUPP, Edelweiss II, Drift II, etc.

- Compatibility, astro uncertainties etc.

Plenary: ***Gondolo***

PS C.: ***Gondolo*** and ***Spooner***

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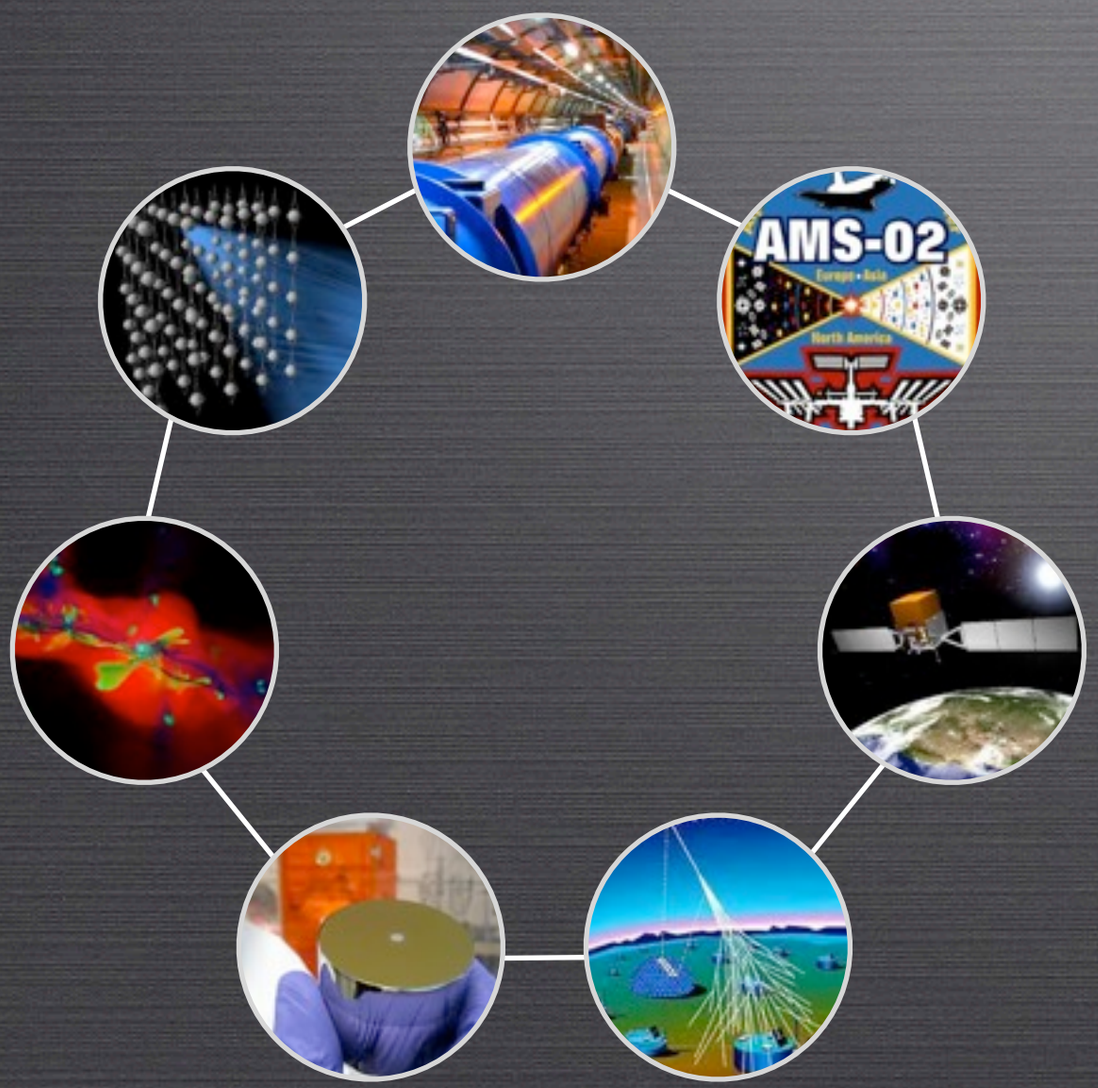

DM distribution

- ... in Dwarfs and GCs

- constraints on the DM distribution in the MW

- gravitational lenses

Plenary: ***Read***

PS C.: ***Maccio*** and ***Read***

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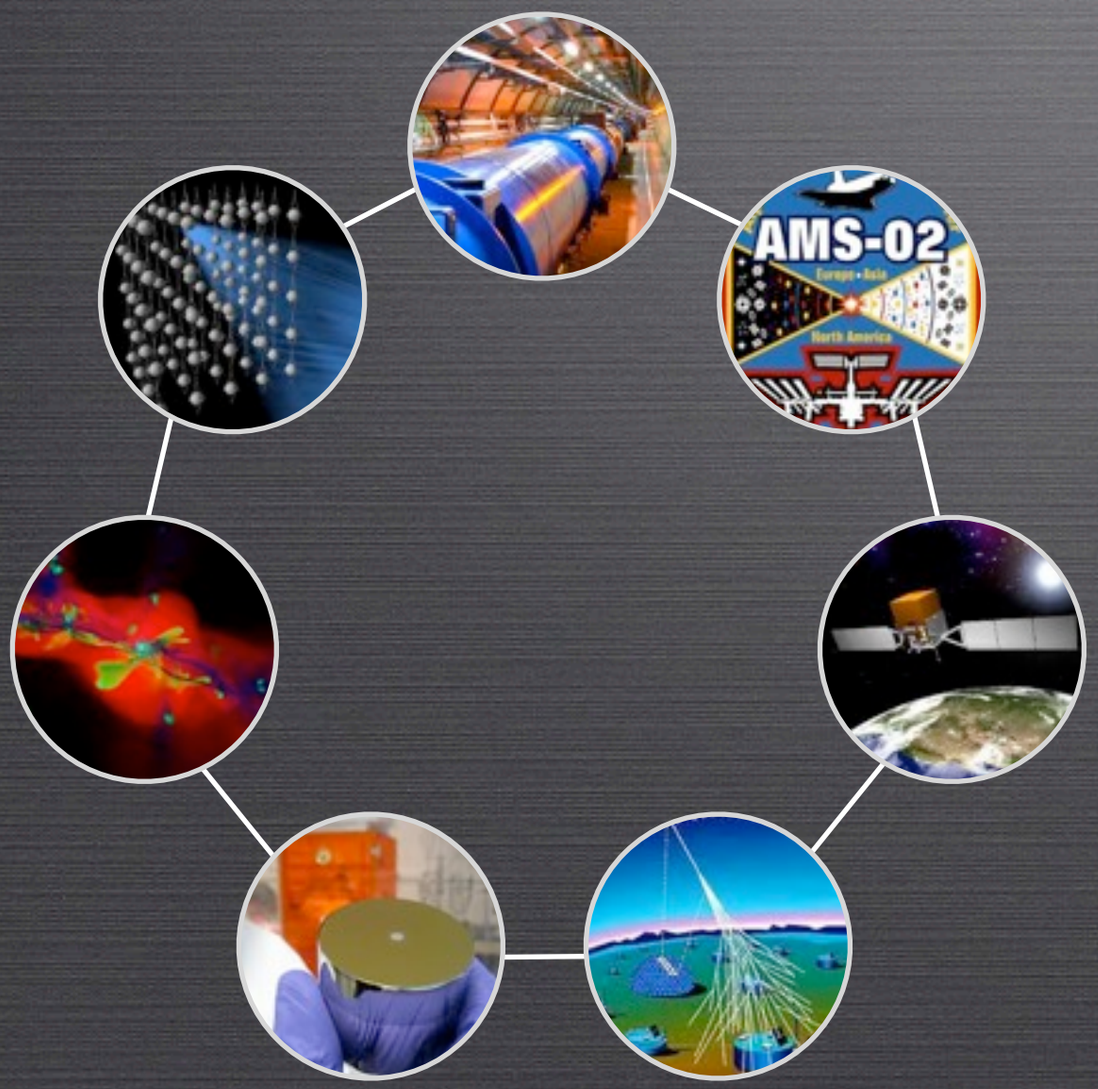

Neutrinos

- Results from IceCube and Antares

- Implications for DM

Plenary: ***Taboada***

PS C.: ***Hooper*** and ***Gaisser***

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On behalf of the SOC:

- **Welcome to TeVPA'11**

- I wish you an enjoyable and productive conference!