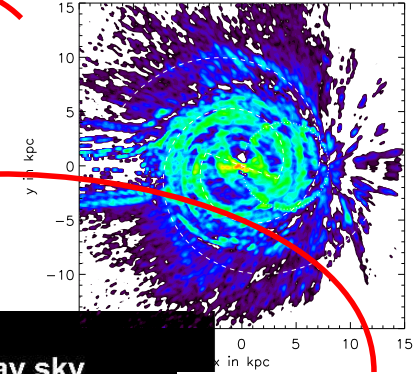
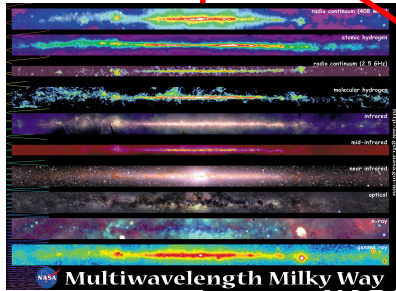
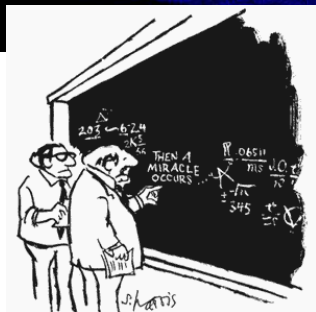
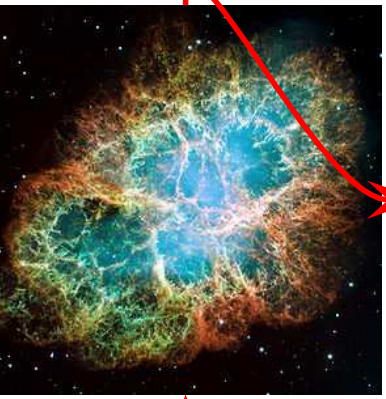
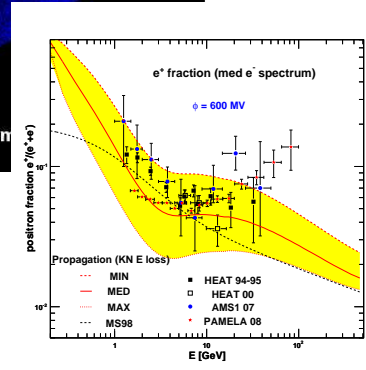
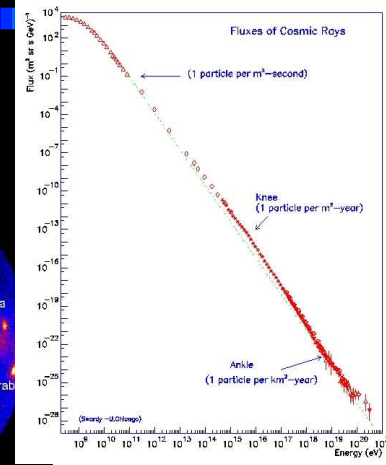
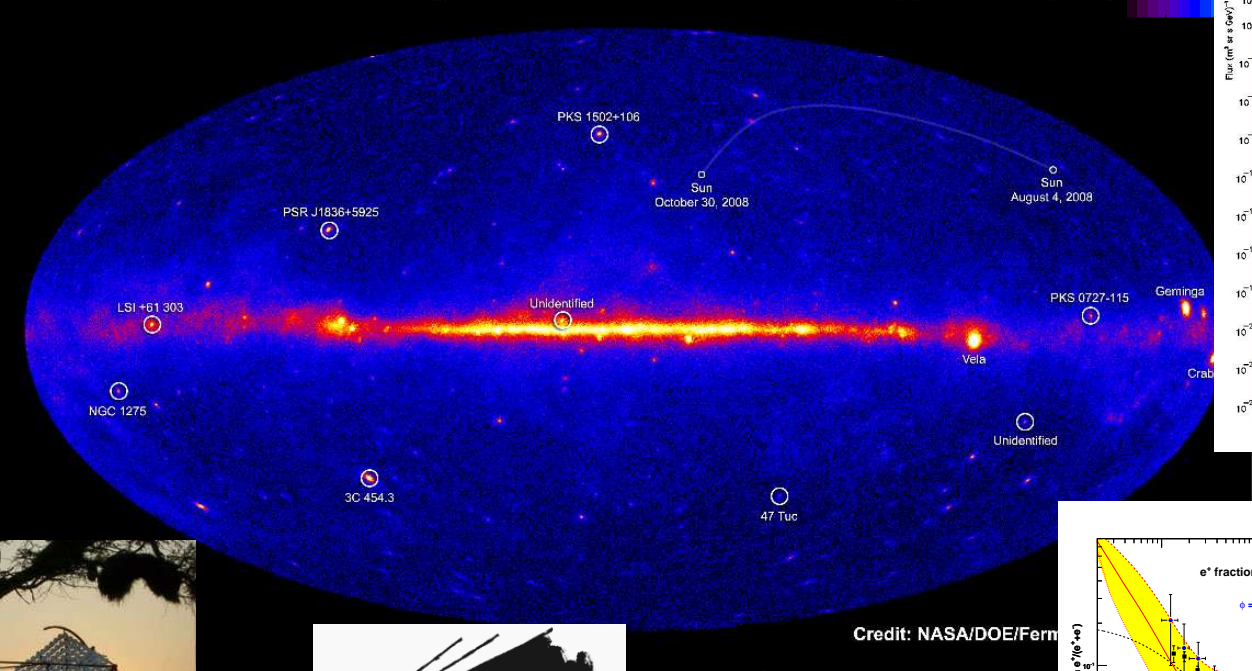


Aims of the workshop



NASA's Fermi telescope reveals best-ever view of the gamma-ray sky



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO."

Diffuse Galactic γ -ray emission

Many experiments: Fermi, HESS, Planck, Herschell, X, radio, etc.

Theoretical progresses: sources, turbulence, propagation, interstellar medium, galaxy modeling, etc.

The Diffuse Galactic γ -ray emission allows tests of consistency in the gathering of all topics mentioned above \Rightarrow **Gather experts and students from these different communities.**

The aims of the workshop are to:

- **review** these topics
- understand the **experimental potentials** / the **theoretical predictions and uncertainties**
- offer a framework for **learning** and **discussing and asking** in an interdisciplinary spirit
- **favor collaborations** among usually separate fields and gather expertnesses required in the understanding of the diffuse γ -ray emission — **Experiments + Theory**
- Derive **template models** with theoretical errors to be safely used for analyses and predictions.

Timetable

The timetable:

- **Panorama** — today
(D. Maurin, T. Delahaye)
- **Experiments and analysis methods** (Fermi, HESS, Integral, AMS2) — today
(S. Rosier-Lees, R. Terrier, A. Fiasson, P. Bruel, M. de Naurois)
- **Sources** — today
(L. Drury, G. Dubus, G. Ferrand, A. Marcowith)
- **Interstellar medium & turbulence** — today
(É. Falgarone, D. Russeil, P. Hennebelle)
- **Turbulence and cosmic ray transport** — tomorrow
(G. Belmont, JL)
- **Galaxy formation from cosmological inputs** — tomorrow
(R. Teyssier)
- **Questions des étudiants**
- **Working group session: towards standard templates** — tomorrow