



Département d'Astrophysique

Séminaires du DAp

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Bât 709, p 220 (salle Godunov), CEA Saclay, Orme des Merisiers

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Active Galactic Nuclei : What we know, and what we don't know...

The first published spectrum of an AGN was in 1908. In the 100 years since then we have made significant progress in understanding the phenomenology and physics of AGN. I will begin with a brief history of the development of our understanding, highlighting the major breakthroughs.

I will then recap by describing our present "best" model and the so-called unified scheme. Finally, I will discuss the most important current issues in the field such as; ejection of material from the nucleus and galactic feedback, the association of AGN with starformation and links between black hole growth and galaxy evolution.

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