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**CAP Herzberg Memorial Public Lecture - Conférence publique com-
mémorative Herzberg de l'ACP / CASCA Public Lecture in Astronomy
- Conférence publique plénière en astronomie de CASCA**

**SUNDAY, JUNE 13
DIMANCHE, 13 JUIN**

19h00 - 20h00

[Rooms/Salles : Ballrooms A/B/C]

Chair: B. Joos, U. d'Ottawa

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19h00

P. JAMES E. PEEBLES, Princeton University

A Cosmic Picture Show: Images from Astronomy

Some of the astronomical images I will present are meant to illustrate what we know about the large-scale nature of the world around us and how we have gone about discovering it; others are chosen just because they're pretty. Some of the images are close to what you can see with a pair of binoculars; others are numerical representations of what you would `see' if you had Superman's X-ray eyes, or eyes sensitive to radio waves or neutrinos. I'll show historical examples of the learning process in astronomy, both good — Hubble's classification of the galaxies — and not so good — Lowell's idea that he was seeing canals on Mars — and illustrations drawn from current debates about what is happening on scales ranging from black holes in the centers of galaxies to the expansion of the universe.

20h00

Session Ends / Fin de la session