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forthcoming conferences

Geneva, Switzerland 25-30 Jun 2006	International Symposium on Nuclear Astrophysics - Nuclei in the Cosmos - IX	Expected in Summer 2006
Cape Town, South Africa 3-6 Apr 2006	International Workshop on Fast Neutron Detectors and Applications	Expected in Summer 2006
Palermo, Italy 3-4 February 2006	Grid Technology for Financial Modeling and Simulation	Expected in Winter 2006
Coimbra, Portugal 12-15 January 2006	International Workshop on Top Quark Physics	Expected in Spring 2006
Budapest, Hungary 1-3 August 2005	29th Johns Hopkins Workshop on Current Problems in Particle Theory	Expected in Winter 2006
Bangalore, India 31 Aug - 2 Sep 2005	International Conference on Statistical Mechanics of Plasticity and Related Instabilities	Expected in Winter 2006
Lisboa, Portugal 21-27 Jul 2005	HEP2005 International Europhysics Conference on High Energy Physics	Expected in Winter 2006

recent conferences

Baltimore, Maryland 5-8 Jun 2004	28th Johns Hopkins Workshop on Current Problems in Particle Theory	PoS(JHW2004) November 2005
Roma, Italia 30 Mar - 1 Apr 2005	Control Systems: Theory, Numerics and Applications	PoS(CSTNA2005) November 2005

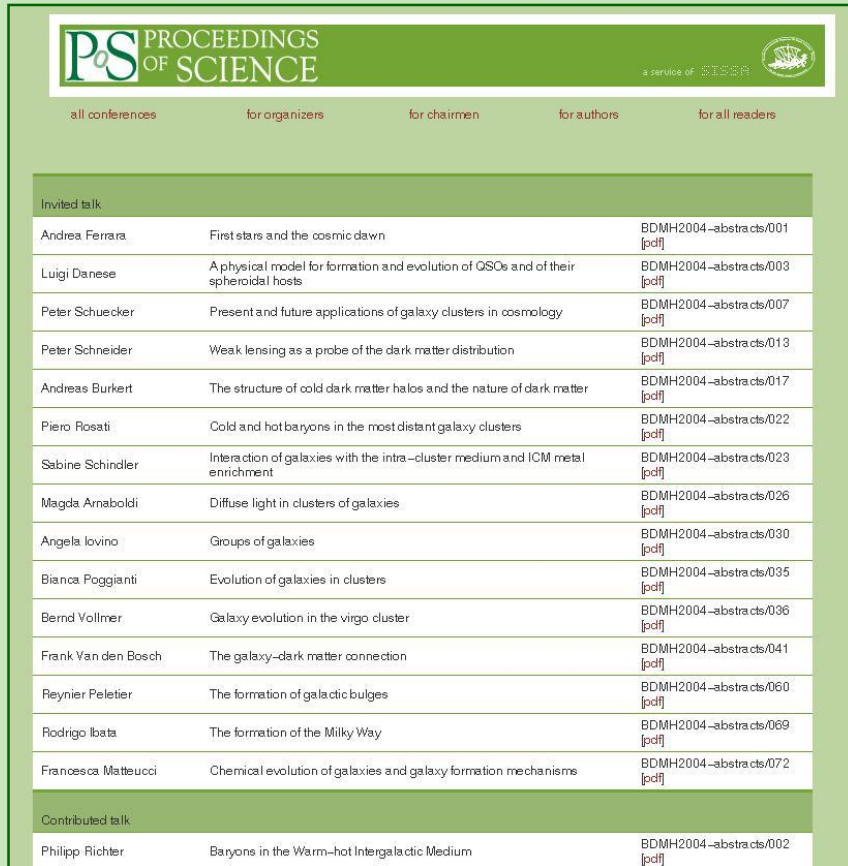
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The screenshot shows the PoS website interface. At the top, there is a navigation bar with the PoS logo and the text 'PROCEEDINGS OF SCIENCE'. Below the navigation bar, there are five tabs: 'all conferences', 'for organizers', 'for chairmen', 'for authors', and 'for all readers'. The main content area displays a list of talks, categorized into 'Invited talk' and 'Contributed talk'. Each talk entry includes the author's name, the title of the talk, and a link to the PDF file.

Invited talk		
Andrea Ferrara	First stars and the cosmic dawn	BDMH2004-abstr.cts/001 [pdf]
Luigi Danese	A physical model for formation and evolution of QSOs and of their spheroidal hosts	BDMH2004-abstr.cts/003 [pdf]
Peter Schuecker	Present and future applications of galaxy clusters in cosmology	BDMH2004-abstr.cts/007 [pdf]
Peter Schneider	Weak lensing as a probe of the dark matter distribution	BDMH2004-abstr.cts/013 [pdf]
Andreas Burkert	The structure of cold dark matter halos and the nature of dark matter	BDMH2004-abstr.cts/017 [pdf]
Piero Rosati	Cold and hot baryons in the most distant galaxy clusters	BDMH2004-abstr.cts/022 [pdf]
Sabine Schindler	Interaction of galaxies with the intra-cluster medium and ICM metal enrichment	BDMH2004-abstr.cts/023 [pdf]
Magda Arnaboldi	Diffuse light in clusters of galaxies	BDMH2004-abstr.cts/026 [pdf]
Angela Iovino	Groups of galaxies	BDMH2004-abstr.cts/030 [pdf]
Bianca Poggianti	Evolution of galaxies in clusters	BDMH2004-abstr.cts/035 [pdf]
Bernd Vollmer	Galaxy evolution in the virgo cluster	BDMH2004-abstr.cts/036 [pdf]
Frank Van den Bosch	The galaxy-dark matter connection	BDMH2004-abstr.cts/041 [pdf]
Reynier Peletier	The formation of galactic bulges	BDMH2004-abstr.cts/060 [pdf]
Rodrigo Ibata	The formation of the Milky Way	BDMH2004-abstr.cts/069 [pdf]
Francesca Matteucci	Chemical evolution of galaxies and galaxy formation mechanisms	BDMH2004-abstr.cts/072 [pdf]
Contributed talk		
Philipp Richter	Baryons in the Warm-hot Intergalactic Medium	BDMH2004-abstr.cts/002 [pdf]

Organisers and authors interact from the PoS website to publish **proceedings** and **lecture notes** through simple and user-friendly web pages where:

- the index of the publication is set up
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- Contributions are thus made available to all interested readers (**Open Access**)



The screenshot shows the PoS website interface. At the top, there is a navigation menu with links for 'all conferences', 'for organizers', 'for chairmen', 'for authors', and 'for all readers'. Below the menu is a table of contents listing invited and contributed talks. The main content area displays a preview of a paper titled 'First Stars and the Cosmic Dawn' by A. Ferrara, published in the proceedings 'BDMH 2004 - Baryons in Dark Matter Halos'.

Invited talk	
Andrea Ferrara	First stars
Luigi Danese	A physical picture of the first stars
Peter Schuecker	Presenting the first stars
Peter Schneider	Weak lensing of the first stars
Andreas Burkert	The structure of the first stars
Piero Rosati	Cold dark matter and the first stars
Sabine Schindler	Interactions between the first stars and the dark matter
Magda Arnaboldi	Diffuse ionizing radiation from the first stars
Angela Iovino	Groups and the first stars
Bianca Poggianti	Evolution of the first stars
Bernd Vollmer	Galaxy formation and the first stars
Frank Van den Bosch	The galaxy formation and the first stars
Reynier Peletier	The formation of the first stars
Rodrigo Ibata	The formation of the first stars
Francesca Matteucci	Chemical evolution and the first stars
Contributed talk	
Philipp Richter	Baryons in Dark Matter Halos

PROCEEDINGS OF SCIENCE

First Stars and the Cosmic Dawn

A. Ferrara
SISSA

The appearance of the first stars when the universe was only 100 Myr old marked the Cosmic Dawn and the occurrence of a number of physical effects (cosmic reionization, intergalactic medium metal enrichment, black hole formation, magnetic field cosmogenesis and - obviously - galaxy formation) which are now entering the realm of the observability and are strongly governed by so-called 'feedback effects'. I will review these physical processes at high redshift ($z > 5$) and their detectable imprints, and propose a number of experiments which could yield the first observational signals from the Dark Ages of the universe.

POs (BDMH2004) 001

BDMH 2004 - Baryons in Dark Matter Halos
5-9 October 2004
Novigrad (Croatia)

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The proceedings for **MathPhys2020** will be published on PoS

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- from their PoS pages authors can upload a PDF file (plus any attachments), with a simple two-step procedure.

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