

The screenshot shows the PoS website interface. At the top, there is a navigation bar with links for 'all conferences', 'for organizers', 'for chairmen', 'for authors', and 'for all readers'. Below this is a table of invited talks. The main content area displays a preview of a paper titled 'First Stars and the Cosmic Dawn' by A. Ferrara, published by SISSA. The paper's abstract discusses the appearance of the first stars and the occurrence of various physical effects like cosmic reionization and intergalactic medium metal enrichment.

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	Group dynamics and the first stars
Bianca Poggianti	Evolution of the first stars
Bernd Vollmer	Galaxy formation and the first stars
Frank Van den Bosch	The formation of 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	Baryon production and the first stars

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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.

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

Published by SISSA <http://pos.sissa.it>

The proceedings for **Photon 2013** will be published on PoS

Authors will be contacted by the organisers and provided with login data to access their personal pages on PoS (where the style files will be available)

From their PoS pages authors can upload a PDF file (plus any attachments), with a simple two-step procedure. The **deadline for submissions is December 31st, 2013**

For more information please contact:
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