

- Refereed** **Ripamonti E.**, Mapelli M. & Zaroubi S., “Radiation from early black holes - I: effects on the neutral inter-galactic medium” (accepted for publication in MNRAS; arXiv:0802.1857 [astro-ph])
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- Mapelli M., Moore B., Giordano L., Mayer L., Colpi M., **Ripamonti E.**, Callegari S., “Intermediate-mass black holes and ultra-luminous X-ray sources in the Cartwheel ring galaxy”, 2008, MNRAS, 383, 230
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- Ripamonti E.** & Abel T., “Fragmentation and the formation of primordial protostars: the possible role of Collision Induced Emission”, 2004, MNRAS 348, 1019.
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Mapelli M. & Ripamonti E., “Primordial gas heating by dark matter and structure formation”, 2007, proceeding of the “LI Congresso della Società Astronomica Italiana”, to appear in the “Memorie della Società Astronomica Italiana” (arXiv:0706.3357 [astro-ph])

Ripamonti E. & Mapelli M., “Impact of dark matter decays and annihilations on structure formation”, 2007, to appear in the proceedings of the 11th Marcel Grossmann Meeting on General Relativity, edited by H. Kleinert, R.T. Jantzen and R. Ruffini, World Scientific, Singapore (astro-ph/0701673)

Mapelli M. & Ripamonti E., “Impact of dark matter on reionization and heating”, 2007, to appear in the proceedings of the 11th Marcel Grossmann Meeting on General Relativity, edited by H. Kleinert, R.T. Jantzen and R. Ruffini, World Scientific, Singapore (astro-ph/0701672)

Ripamonti E., Tolstoy E., Helmi A., Battaglia G. & Abel T., “Numerical simulations of the metallicity distribution in dwarf spheroidal galaxies”, 2006, to appear in the proceedings of the CRAL-Conference Series I “Chemodynamics: from first stars to local galaxies”, Lyon 10-14 July 2006, France, Eds. Emsellem, Wozniak, Massacrier, Gonzalez, Devriendt, Champavert, EAS Publications Series (astro-ph/0612210)

Haardt F., Ripamonti E., Colpi M. & Ferrara A., “The collapse of primordial stars: importance of radiation”, 2002, *Ap&SS* 281, 479

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Reviews

Ripamonti E. & Abel T., “The Formation of Primordial Luminous Objects”, 2006, in *Joint Evolution of Black Holes and Galaxies*, Taylor & Francis, Series in High Energy Physics, Cosmology and Gravitation, eds. M. Colpi, V. Gorini, F. Haardt and U. Moschella, pp. 238-289 (available as astro-ph/0507130)

In preparation

Ripamonti E., Tolstoy E., Helmi A. & Abel T., “Numerical simulations of the chemical enrichment of dwarf galaxies in the Local Group”

Ripamonti E. & Ferrara A., “Effects of dark matter annihilations upon the collapse of primordial protostars”

Ripamonti E. & Zaroubi S., “Radiation from early black holes - II: local feedback effects”

Ripamonti E. & Zaroubi S., “Comparison of scenarios of early X-ray heating of the neutral IGM”

Theses Laurea (degree) thesis: “Abbondanze chimiche in regioni HII extragalattiche” (“Chemical abundances in extragalactic HII regions”; in italian). Supervisors: Prof. G. Chincarini, Dr. E. Molinari.

Ph.D. thesis: “Protostellar Collapse in Population III Objects”. Supervisor: Prof. M. Colpi; Co-Supervisors: Prof. F. Haardt and Prof. A. Ferrara; tutor: Prof. B. Bertotti;
(available at http://www.astro.rug.nl/~ripa/files/phd_th_ripa.ps.gz).

Meetings Eleventh Marcel Grossmann Meeting on General Relativity - Berlin (Germany), July 23-29, 2006 - oral contribution

CRAL Conference Series: Chemodynamics - Lyon, July 10-14 - oral contribution

Open Question in Cosmology: the First Billion Years - Garching (Germany), August 22-26 2005 - oral contribution (slides available at http://www.astro.rug.nl/~ripa/files/Ripamonti_HD_talk_Garching0805.pdf)

Reionizing The Universe - Groningen (The Netherlands), June 27-July 1 2005 - oral contribution (slides available at http://www.astro.rug.nl/~ripa/files/Ripamonti_HD_talk_Groningen0705.pdf)

Conference on Computational Cosmology - ICTP, Trieste (Italy), May 31-June 4 2005 - oral contribution

Dutch Astrophysics Days V - ASTRON, Dwingeloo (The Netherlands), March 17-18 2005 - oral contribution

The First Stars II - State College, PA (USA) May 29-31 2003 - poster contribution

Early Cosmic Structures and the End of the Dark Ages - Marciana Marina (Elba Island, Italy), June 4-7, 2002 - oral contribution

The Physics of Galaxy Formation - Tsukuba (Japan), July 3-7, 2000 - poster contribution

The First Stars - Garching (Germany), August 4-6 1999 - poster contribution