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## List of publications

### Papers

- 12 **P.R. den Hartog**, L. Kuiper, W. Hermsen;  
*Detailed high-energy characteristics of AXP 1RXS170849-4009010 – Probing the magnetosphere using INTEGRAL, RXTE and XMM-Newton*;  
Astronomy and Astrophysics, submitted, March 2008, [**Chapter 7**].
- 11 **P.R. den Hartog**, L. Kuiper, W. Hermsen, V.M. Kaspi, R. Dib, J. Knödseder, F.P. Gavrilil;  
*Detailed high-energy characteristics of AXP 4U 0142+61 – Multi-year observations with INTEGRAL, RXTE, XMM-Newton and ASCA*;  
Astronomy and Astrophysics, submitted, February 2008, [**Chapter 6**].
- 10 J.J.M. in't Zand, L. Kuiper, **P.R. den Hartog**, W. Hermsen, R.H.D. Corbet;  
*A probable accretion-powered X-ray pulsar in IGR J00370+6122*;  
Astronomy and Astrophysics, v.469, p.1063–1068, 2007.
- 9 **P.R. den Hartog**, L. Kuiper, W. Hermsen, N. Rea, M. Durant, B. Stappers, V.M. Kaspi, R. Dib;  
*The first multi-wavelength campaign of AXP 4U 0142+61 from radio to hard X-rays*;  
Astrophysics and Space Science, v.308, p.647–653, 2007, [**Chapter 5**].
- 8 M. Renaud, J. Vink, A. Decourchelle, F. Lebrun, **P.R. den Hartog**, R. Terrier, C. Couvreur, J. Knödseder, P. Martin, N. Prantzos, A.M. Bykov, H. Bloemen;  
*The signature of  $^{44}\text{Ti}$  in Cassiopeia A revealed by IBIS/ISGRI on INTEGRAL*;  
The Astrophysical Journal, v.647, p.L41–L44, 2006.
- 7 L. Kuiper, W. Hermsen, **P.R. den Hartog**, W. Collmar;  
*Discovery of luminous pulsed hard X-ray emission from Anomalous X-ray Pulsars 1RXS J1708-4009, 4U 0142+61 and 1E 2259+586 by INTEGRAL and RXTE*;  
The Astrophysical Journal, v.645, p.556–575, 2006, [**Chapter 4**].

- 6 **P.R. den Hartog**, W.Hermesen, L. Kuiper, J. Vink, J.J.M. in 't Zand, W. Collmar;  
*INTEGRAL survey of the Cassiopeia region in hard X rays*;  
Astronomy and Astrophysics, v.451, p.587–602, 2006, [**Chapter 3**].
- 5 R. Walter, J.Rodriguez, L. Foschini, J. de Plaa, S. Corbel, T.I.-L. Courvoisier, **P.R. den Hartog**, F. Lebrun, A. N. Parmar, J. A. Tomsick, P. Ubertini;  
*INTEGRAL discovery of a bright highly obscured galactic X-ray binary source IGR J16318-4848*;  
Astronomy and Astrophysics, v.411, p.L427–L432, 2003.
- 4 R. Cornelisse, J.J.M. in 't Zand, F. Verbunt, E. Kuulkers, J. Heise, **P.R. den Hartog**, M. Cocchi, L. Natalucci, A. Bazzano, P. Ubertini;  
*Six years of BeppoSAX Wide Field Cameras observations of nine galactic type I X-ray bursters*;  
Astronomy and Astrophysics, v.405, p.1033–1042, 2003.
- 3 S. Mereghetti, D.Götz, A.Tiengo, V. Beckmann, J. Borkowski, T.J.L. Courvoisier, A. von Kienlin, V. Schönfelder, J.P. Roques, L. Bouchet, P. Ubertini, A. Castro-Tirado, F. Lebrun, J. Paul, N. Lund, M. Mas Hesse, W. Hermesen, **P.R. den Hartog**, C. Winkler;  
*INTEGRAL and XMM-NEWTON observations of the weak GRB 030227*;  
The Astrophysical Journal Letters, v.590, p.L73–L77, 2003.
- 2 **P.R. den Hartog**, J.J.M. in 't Zand, E. Kuulkers, R. Cornelisse, J. Heisse, A. Bazzano, M. Cocchi, L. Natalucci and P. Ubertini;  
*Burst-properties as a function of mass accretion rate in GX 3+1*;  
Astronomy and Astrophysics, v.400, p.633–641, 2003.
- 1 E. Kuulkers, **P.R. den Hartog**, J.J.M. in 't Zand, F.W.M. Verbunt, W.E. Harris and M. Cocchi;  
*Photospheric radius expansion X-ray bursts as standard candles*;  
Astronomy and Astrophysics, v.399, p.663–680, 2003.

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## Telegrams

L. Kuiper, **P.R. den Hartog**, W. Hermsen;  
*Three new hard X-ray sources in the Cassiopeia/Perseus region discovered by INTEGRAL;*  
The Astronomer's Telegram, 939, 2006.

L. Kuiper, W. Hermsen, J. in 't Zand, **P.R. den Hartog**;  
*INTEGRAL detection of three AGN in the Cassiopeia region, including a new source IGR J02097+5222;*  
The Astronomer's Telegram, 662, 2005.

**P.R. den Hartog**, L. Kuiper, W. Hermsen, J. Vink, J.J.M. in 't Zand, R.H.D. Corbet, R. Remillard;  
*IGR J00234+6141: A new weak hard X-ray source found by INTEGRAL;*  
The Astronomer's Telegram, 394, 2005.

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*Detection of AXP 4U 0142+614 with INTEGRAL;*  
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**P.R. den Hartog**, L.M. Kuiper, R.H.D. Corbet, J.J.M. in 't Zand, W. Hermsen, J. Vink, R. Remillard, M. van der Klis;  
*IGR J00370+6122 - A new high-mass X-ray binary;*  
The Astronomer's Telegram, 281, 2004.

**P.R. den Hartog**, W. Hermsen, L.M. Kuiper, J.J.M. in 't Zand, C. Winkler, A. Domingo;  
*IGR J07597-3842 - A new INTEGRAL source with candidate counterparts in the radio, IR and X-ray bands;*  
The Astronomer's Telegram, 261, 2004.

J. de Plaa, **P.R. den Hartog**, J.S. Kaastra, J.J.M. in 't Zand, M. Mendez, W. Hermsen;  
*XMM-Newton followup of IGR J16318-4848;*  
The Astronomer's Telegram, 119, 2003.

