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#### EDUCATION

- *Ph.D.*, Earth, Space and Physical Science, Dept. of Physics & Astronomy, University of Lethbridge, Governor General's Academic Medal – Gold Level
- *M.Sc.*, Physics, Dept. of Physics, University of Lethbridge, 4.0/4
- *B.Sc.*, Engineering Physics - with Distinction, Dept. of Electrical and Computer Engineering, University of Alberta, 8.02/9

#### WORK EXPERIENCE

- *Assistant Professor in Experimental Astrophysics*, Astronomical Instrumentation Group, Department of Physics & Astronomy, University of Lethbridge, Jul. 2013 – present.  
– **Canada Research Chair (Tier II)** July 2013 – June 2018.
- *Visiting Researcher*, Astronomical Instrumentation Group, School of Physics & Astronomy, Cardiff University, Jul. 2013 – present.
- *Post-doctoral Research Assistant*, Astronomical Instrumentation Group, School of Physics & Astronomy, University of Cardiff, Dec. 2009 – Sep. 2013.  
– NSERC Post-doctoral Fellowship April 2010 – April 2012.
- *Post-doctoral Research Assistant*, Institute for Space Imaging Science / Dept. of Physics & Astronomy, Astronomical Instrumentation Group, University of Lethbridge, Jul. – Dec. 2009.
- *Ph.D. Candidate*, Astronomical Instrumentation Group, Dept. of Physics & Astronomy, University of Lethbridge, Jan. 2006 – June 2009.
- *Space Instrument Research Scientist*, Space Science Tech. Dept. Rutherford Appleton Laboratory, Jan. 2004 – June 2004, Sept. – Dec. 2005, Nov. 2006 – Feb. 2007.
- *M.Sc. Candidate*, Astronomical Instrumentation Group, Dept. of Physics, University of Lethbridge, Sept. 2003 – Aug. 2005.
- *Undergraduate Research Summer Student*, Astronomical Instrumentation Group, Dept. of Physics, University of Lethbridge, May 2003 – Aug. 2003.
- *Engineering Physics Fourth-year Independent Research Project*, Laser induced breakdown spectroscopy in water, Dr. Robert Fedosejevs, Dept. of Electrical and Computer Engineering, University of Alberta, Jan. – April 2003.
- *Engineering Physics Research & Development Co-op Student*, Free space optical signal demultiplexer development, Dr. Guenadi Rabinski, JDS Uniphase, Ottawa, Ontario, May – Dec. 2001.

#### PROFESSIONAL ASSOCIATIONS, QUALIFICATIONS

- *Planck Scientist / Core-Team Member*, ESA/Planck High Frequency Instrument (HFI).
- *Associate Scientist*, Interstellar Medium Specialist Astronomy Group, SPIRE consortium
- P. Eng.
- Member of APEGGA, CAP, CASCA, OSA

#### HONOURS & AWARDS

- Canada Research Chair – Tier II, July 2013 – June 2018
- Governor General's Academic Medal – Gold Level, June 2010
- NSERC PDF Fellowship, 2010 – 2012
- Alberta Ingenuity Studentship Award, 2006 – 2011
- Graduate Citizenship Award for Student Leadership, Province of Alberta, 2009
- Profiling Alberta's Graduate Students' Award, Province of Alberta, 2008/2009
- NSERC PGS D3 award, 2005 – 2008
- NSERC USRA awards, summers 2001, 2003

- U of A entrance, academic, and leadership awards, 1996 – 2003
- Governor General's Academic Medal, 1996

#### COMMUNITY INVOLVEMENT

- Public outreach astronomy lectures to elementary through high school students, 2004 – present (~ 2-3 per year)
- Science, Technology, Engineering and Mathematics Network (STEMNET) ambassador, Nov. 2010 – Jun. 2013
- Councillor in Bishopric of local church congregation, May 2010 – Feb. 2012
- Councillor in regional Young Mens Presidency, responsible for 12 - 18 year old youth within 9 congregations, Feb. 2012 – Jun. 2013
- U of L Graduate Students Association, various positions including M.Sc. Rep., V.P. Internal, V.P. External, 2003 – 2008
- Vice-President Internal, U of L Graduate Students Association, 2005/2006
- Arts & Science Representative for the U of L Graduate Students Association, 2003/2004
- Senator on the University of Lethbridge Senate, 2005/2006, 2007/2008
- U of L Vice-Chair for the Alberta Graduate Council, 2003 – 2004, 2005 – 2006, 2007 – 2008
- Council member, Alberta Graduate Council, 2003 – 2008
- U of L Physics Dept. Chair selection committee member, 2008
- Committee member on the U of L General Faculty Council, 2004/2005
- Full-time volunteer proselyting missionary in Jamaica, July 1998 – Aug. 2000.

#### PUBLICATIONS

##### Theses

- **L.D. Spencer**, *Imaging Fourier Transform Spectroscopy from a Space Based Platform – The Herschel/SPIRE Fourier Transform Spectrometer*, Doctoral dissertation, Aug. 2009.
- **L.D. Spencer**, *Spectral Characterization of the Herschel/SPIRE Photometer*, Master's thesis, Sept. 2005.

##### Refereed Journal Articles

- Planck HFI Core Team; Ade, P. A. R.; Aghanim, N.; Ansari, R.; Arnaud, M.; Ashdown, M.; Aumont, J.; Banday, A. J.; Bartelmann, M.; Bartlett, J. G.; Battaner, E.; Benabed, K.; Benot, A.; Bernard, J. -P.; Bersanelli, M.; Bock, J. J.; Bond, J. R.; Borrill, J.; Bouchet, F. R.; Boulanger, F.; Bradshaw, T.; Bucher, M.; Cardoso, J. -F.; Castex, G.; Catalano, A.; Challinor, A.; Chamballu, A.; Chary, R. -R.; Chen, X.; Chiang, C.; Church, S.; Clements, D. L.; Colley, J. -M.; Colombi, S.; Couchot, F.; Coulais, A.; Cressiot, C.; Crill, B. P.; Crook, M.; de Bernardis, P.; Delabrouille, J.; Delouis, J. -M.; Dsert, F. -X.; Dolag, K.; Dole, H.; Dor, O.; Douspis, M.; Dunkley, J.; Efstathiou, G.; Filliard, C.; Forni, O.; Fosalba, P.; Ganga, K.; Giard, M.; Girard, D.; Giraud-Hraud, Y.; Gispert, R.; Grski, K. M.; Gratton, S.; Griffin, M.; Guyot, G.; Haissinski, J.; Harrison, D.; Helou, G.; Henrot-Versill, S.; Hernandez-Montegudo, C.; Hildebrandt, S. R.; Hills, R.; Hivon, E.; Hobson, M.; Holmes, W. A.; Huppenberger, K. M.; Jaffe, A. H.; Jones, W. C.; Kaplan, J.; Kneissl, R.; Knox, L.; Kunz, M.; Lagache, G.; Lamarre, J. -M.; Lange, A. E.; Lasenby, A.; Lavabre, A.; Lawrence, C. R.; Le Jeune, M.; Leroy, C.; Lesgourgues, J.; Lewis, A.; Macas-Prez, J. F.; MacTavish, C. J.; Maffei, B.; Mandolesi, N.; Mann, R.; Marleau, F.; Marshall, D. J.; Masi, S.; Matsumura, T.; McAuley, I.; McGehee, P.; Melin, J. -B.; Mercier, C.; Mitra, S.; Miville-Deschênes, M. -A.; Moneti, A.; Montier, L.; Mortlock, D.; Murphy, A.; Nati, F.; Netterfield, C. B.; Norgaard-Nielsen, H. U.; North, C.; Noviello, F.; Novikov, D.; Osborne, S.; Pajot, F.; Patanchon, G.; Peacocke, T.; Pearson, T. J.; Perdereau, O.; Perotto, L.; Piacentini, F.; Piat, M.; Plaszczynski, S.; Pointecouteau, E.; Ponthieu, N.; Przeau, G.; Prunet, S.; Puget, J. -L.; Reach, W. T.; Remazeilles, M.; Renault, C.; Riazuelo, A.; Ristorcelli, I.; Rocha, G.; Rosset, C.; Roudier, G.; Rowan-Robinson, M.; Rusholme, B.; Saha, R.; Santos, D.; Savini, G.; Schaefer, B. M.; Shellard, P.; **Spencer, L.**; Starck, J. -L.; Stolyarov, V.; Stompor, R.; Sudiwala, R.; Sunyaev, R.; Sutton, D.; Sygnet, J. -F.; Tauber, J. A.; Thum, C.; Torre, J. -P.; Touze, F.; Tristram, M.; Van Leeuwen, F.; Vibert, L.; Vibert, D.; Wandelt, B. D.; White, S. D. M.; Wiesemeyer, H.; Woodcraft, A.;

Yurchenko, V.; Yvon, D.; Zacchei, A., *Planck Early Results: The High Frequency Instrument data processing, Astronomy & Astrophysics*, Planck early results special feature, Dec. 2011.

- Planck HFI Core Team; Ade, P. A. R.; Aghanim, N.; Ansari, R.; Arnaud, M.; Ashdown, M.; Aumont, J.; Banday, A. J.; Bartelmann, M.; Bartlett, J. G.; Battaner, E.; Benabed, K.; Benot, A.; Bernard, J. -P.; Bersanelli, M.; Bhatia, R.; Bock, J. J.; Bond, J. R.; Borrill, J.; Bouchet, F. R.; Boulanger, F.; Bradshaw, T.; Brelle, E.; Bucher, M.; Camus, P.; Cardoso, J. -F.; Catalano, A.; Challinor, A.; Chamballu, A.; Charra, J.; Charra, M.; Chary, R. -R.; Chiang, C.; Church, S.; Clements, D. L.; Colombi, S.; Couchot, F.; Coulais, A.; Cressiot, C.; Crill, B. P.; Crook, M.; de Bernardis, P.; Delabrouille, J.; Delouis, J. -M.; Dsert, F. -X.; Dolag, K.; Dole, H.; Dor, O.; Douspis, M.; Efstathiou, G.; Eng, P.; Filliard, C.; Forni, O.; Fosalba, P.; Fourmond, J. -J.; Ganga, K.; Giard, M.; Girard, D.; Giraud-Hraud, Y.; Gispert, R.; Gorski, K. M.; Gratton, S.; Griffin, M.; Guyot, G.; Haissinski, J.; Harrison, D.; Helou, G.; Henrot-Versill, S.; Hernandez-Monteaugudo, C.; Hildebrandt, S. R.; Hills, R.; Hivon, E.; Hobson, M.; Holmes, W. A.; Huenberger, K. M.; Jae, A. H.; Jones, W. C.; Kaplan, J.; Kneissl, R.; Knox, L.; Lagache, G.; Lamarre, J. -M.; Lami, P.; Lange, A. E.; Lasenby, A.; Lavabre, A.; Lawrence, C. R.; Leriche, B.; Leroy, C.; Macas-Perez, Y. Longval25) J. F.; Maciaszek, T.; MacTavish, C. J.; Maei, B.; Mandolesi, N.; Mann, R.; Mansoux, B.; Masi, S.; Matsumura, T.; McGehee, P.; Melin, J. -B.; Mercier, C.; Miville-Deschênes, M. -A.; Moneti, A.; Montier, L.; Mortlock, D.; Murphy, A.; Nati, F.; Nettereld, C. B.; Norgaard-Nielsen, H. U.; North, C.; Noviello, F.; Novikov, D.; Osborne, S.; Paine, C.; Pajot, F.; Patanchon, G.; Peacocke, T.; Pearson, T. J.; Perdereau, O.; Perotto, L.; Piacentini, F.; Piat, M.; Plaszczynski, S.; Pointecouteau, E.; Pons, R.; Ponthieu, N.; Prezeau, G.; Prunet, S.; Puget, J. -L.; Reach, W. T.; Renault, C.; Ristorcelli, I.; Rocha, G.; Rosset, C.; Roudier, G.; Rowan-Robinson, M.; Rusholme, B.; Santos, D.; Savini, G.; Schaefer, B. M.; Shellard, P.; **Spencer, L.**; Starck, J. -L.; Stassi, P.; Stolyarov, V.; Stompor, R.; Sudiwala, R.; Sunyaev, R.; Sygnet, J. -F.; Tauber, J. A.; Thum, C.; Torre, J. -P.; Touze, F.; Tristram, M.; Van Leeuwen, F.; Vibert, L.; Vibert, D.; Wade, L. A.; Wandelt, B. D.; White, S. D. M.; Wiesemeyer, H.; Woodcraft, A.; Yurchenko, V.; Yvon, D.; Zacchei, A., *Planck early results: first assessment of the High Frequency Instrument in-flight performance, Astronomy & Astrophysics*, Planck early results special feature, Dec. 2011.
- **L.D. Spencer**, D.A. Naylor, P.A.R. Ade, J. Zhang, *Beam-splitter effects in dual-input Fourier transform spectroscopy, JOSA A*, Vol. 28, No. 9, pp. 1805 – 1811, Sep. 2011.
- **L.D. Spencer**, D.A. Naylor, and B.M. Swinyard, *Performance evaluation of the Herschel/SPIRE imaging Fourier transform spectrometer through ground-based measurements, Meas. Sci. Technol.*, Vol. 21, No. 6, 065601 (9pp), June 2010.
- M.J. Griffin, A. Abergel, A. Abreu, P.A.R. Ade, P. Andr e, J.-L. Augeres, T. Babbedge, Y. Bae, T. Baillie, J.-P. Baluteau, M. J. Barlow, G. Bendo, D. Benielli, J. J. Bock, P. Bonhomme, D. Brisbin, C. Brockley-Blatt, M. Caldwell, C. Cara, N. Castro-Rodriguez, R. Cerulli, P. Chaniai, S. Chen, E. Clark, D. L. Clements, L. Clerc, J. Coker, D. Communal, L. Conversi, P. Cox, D. Crumb, C. Cunningham, F. Daly, G. R. Davis, P. De Antoni, J. Delderfield, N. Devin, A. Di Giorgio, I. Didschuns, K. Dohlen, M. Donati, A. Dowell, C. D. Dowell, L. Duband, L. Dumaye, R. J. Emery, M. Ferlet, D. Ferrand, J. Fontignie, M. Fox, A. Franceschini, M. Frerking, T. Fulton, J. Garcia, R. Gastaud, W. K. Gear, J. Glenn, A. Goizel, D. K. Griffin, T. Grundy, S. Guest, L. Guillemet, P. C. Hargrave, M. Harwit, P. Hastings, E. Hatziminaoglou, M. Herman, B. Hinde, V. Hristov, M. Huang, P. Imhof, K. J. Isaak, U. Israelsson, R. J. Ivison, D. Jennings, B. Kiernan, K. J. King, A. E. Lange, W. Latter, G. Laurent, P. Laurent, S. J. Leeks, E. Lellouch, L. Levenson, B. Li, J. Li, J. Lilienthal, T. Lim, S. J. Liu, N. Lu, S. Madden, G. Mainetti, P. Marliani, D. McKay, K. Mercier, S. Molinari, H. Morris, H. Moseley, J. Mulder, M. Mur, D. A. Naylor, H. Nguyen, B. O’Halloran, S. Oliver, G. Olofsson, H.-G. Olofsson, R. Orfei, M. J. Page, I. Pain, P. Panuzzo, A. Papageorgiou, G. Parks, P. Parr-Burman, A. Pearce, C. Pearson, I. P erez-Fournon, F. Pinsard, G. Pisano, J. Podosek, M. Pohlen, E. T. Polehampton, D. Pouliquen, D. Rigopoulou, D. Rizzo, I. G. Roseboom, H. Roussel, M. Rowan-Robinson, B. Rownd, P. Saraceno, M. Sauvage, R. Savage, G. Savini, E. Sawyer, C. Scharnberg, D. Schmitt, N. Schneider, B. Schulz, A. Schwartz, R. Shafer, D. L. Shupe, B. Sibthorpe, S. Sidher, A. Smith, A. J. Smith, D. Smith, **L.D. Spencer**, B. Stobie, R. Sudiwala, K. Sukhatme, C. Surace, J. A.

Stevens, B. M. Swinyard, M. Trichas, T. Tourette, H. Triou, S. Tseng, C. Tucker, A. Turner, M. Vaccari, I. Valtchanov, L. Vigroux, E. Virique, G. Voellmer, H. Walker, R. Ward, T. Waskett, M. Weilert, R. Wesson, G. J. White, N. Whitehouse, C. D. Wilson, B. Winter, A. L. Woodcraft, G. S. Wright, C. K. Xu, A. Zavagno, M. Zemcov, L. Zhang and E. Zonca, *The Herschel-SPIRE instrument and its in-flight performance*, *Astronomy & Astrophysics*, Vol. 518, L3 (7pp), July 2010.

- B. M. Swinyard, P. Ade, J.-P. Baluteau, H. Aussel, M. J. Barlow, G. J. Bendo, D. Benielli, J. Bock, D. Brisbin, A. Conley, L. Conversi, A. Dowell, D. Dowell, M. Ferlet, T. Fulton, J. Glenn, A. Glauser, D. Griffin, M. Griffin, S. Guest, P. Imhof, K. Isaak, S. Jones, K. King, S. Leeks, L. Levenson, T. L. Lim, N. Lu, G. Makiwa, D. Naylor, H. Nguyen, S. Oliver, P. Panuzzo, A. Papageorgiou, C. Pearson, M. Pohlen, E. Polehampton, D. Pouliquen, D. Rigopoulou, S. Ronayette, H. Roussel, A. Rykala, G. Savini, B. Schulz, A. Schwartz, D. Shupe, B. Sibthorpe, S. Sidher, A. J. Smith, **L.D. Spencer**, M. Trichas, H. Triou, I. Valtchanov, R. Wesson, A. Woodcraft, C. K. Xu, M. Zemcov and L. Zhang, *In-flight calibration of the Herschel-SPIRE instrument*, *Astronomy & Astrophysics*, Vol. 518, L4 (6pp), July 2010.
- R. J. Ivison, A. M. Swinbank, B. Swinyard, I. Smail, C. P. Pearson, D. Rigopoulou, E. Polehampton, J.-P. Baluteau, M. J. Barlow, A. W. Blain, J. Bock, D. L. Clements, K. Coppin, A. Cooray, A. Danielson, E. Dwek, A. C. Edge, A. Franceschini, T. Fulton, J. Glenn, M. Griffin, K. Isaak, S. Leeks, T. Lim, D. Naylor, S. J. Oliver, M. J. Page, I. Pérez Fournon, M. Rowan-Robinson, G. Savini, D. Scott, **L.D. Spencer**, I. Valtchanov, L. Vigroux and G. S. Wright, *Herschel and SCUBA-2 imaging and spectroscopy of a bright, lensed submillimetre galaxy at  $z = 2.3$* , *Astronomy & Astrophysics*, Vol. 518, L35 (5pp), July 2010.
- M.-A. Miville-Deschênes, P. G. Martin, A. Abergel, J.-P. Bernard, F. Boulanger, G. Lagache, L. D. Anderson, P. André, H. Arab, J.-P. Baluteau, K. Blagrove, S. Bontemps, M. Cohen, M. Compiègne, P. Cox, E. Dartois, G. Davis, R. Emery, T. Fulton, C. Gry, E. Habart, M. Huang, C. Joblin, S. C. Jones, J. Kirk, T. Lim, S. Madden, G. Makiwa, A. Mensechikov, S. Molinari, H. Moseley, F. Motte, D. A. Naylor, K. Okumura, D. Pinheiro Gonalves, E. Polehampton, J. A. Rodón, D. Russeil, P. Saraceno, N. Schneider, S. Sidher, **L.D. Spencer**, B. Swinyard, D. Ward-Thompson, G. J. White and A. Zavagno, *Herschel-SPIRE observations of the Polaris flare: Structure of the diffuse interstellar medium at the sub-parsec scale*, *Astronomy & Astrophysics*, Vol. 518, L104 (8pp), July 2010.
- G. J. White, A. Abergel, **L.D. Spencer**, N. Schneider, D. A. Naylor, L. D. Anderson, C. Joblin, P. Ade, P. André, H. Arab, J.-P. Baluteau, J.-P. Bernard, K. Blagrove, S. Bontemps, F. Boulanger, M. Cohen, M. Compiègne, P. Cox, E. Dartois, G. Davis, R. Emery, T. Fulton, B. Gom, M. Griffin, C. Gry, E. Habart, M. Huang, S. Jones, J. M. Kirk, G. Lagache, S. Leeks, T. Lim, S. Madden, G. Makiwa, P. Martin, M.-A. Miville-Deschênes, S. Molinari, H. Moseley, F. Motte, K. Okumura, D. Pinheiro Gonalves, E. Polehampton, T. Rodet, J. A. Rodón, D. Russeil, P. Saraceno, S. Sidher, B. M. Swinyard, D. Ward-Thompson and A. Zavagno, *Herschel-SPIRE spectroscopy of the DR21 molecular cloud core*, *Astronomy & Astrophysics*, Vol. 518, L114 (5pp), July 2010.
- J. M. Kirk, E. Polehampton, L. D. Anderson, J.-P. Baluteau, S. Bontemps, C. Joblin, S. C. Jones, D. A. Naylor, D. Ward-Thompson, G. J. White, A. Abergel, P. Ade, P. André, H. Arab, J.-P. Bernard, K. Blagrove, F. Boulanger, M. Cohen, M. Compiègne, P. Cox, E. Dartois, G. Davis, R. Emery, T. Fulton, C. Gry, E. Habart, M. Huang, G. Lagache, T. Lim, S. Madden, G. Makiwa, P. Martin, M.-A. Miville-Deschênes, S. Molinari, H. Moseley, F. Motte, K. Okumura, D. Pinheiro Gonçalves, J. A. Rodón, D. Russeil, P. Saraceno, S. Sidher, **L.D. Spencer**, B. Swinyard and A. Zavagno, *Herschel-SPIRE spectroscopy of G29.96-0.02: Fitting the full SED*, *Astronomy & Astrophysics*, Vol. 518, L82 (5pp), July 2010.
- D. A. Naylor, E. Dartois, E. Habart, A. Abergel, J.-P. Baluteau, S. C. Jones, E. Polehampton, P. Ade, L. D. Anderson, P. André, H. Arab, J.-P. Bernard, K. Blagrove, S. Bontemps, F. Boulanger, M. Cohen, M. Compiègne, P. Cox, G. Davis, R. Emery, T. Fulton, C. Gry, M. Huang, C. Joblin, J. M. Kirk, G. Lagache, T. Lim, S. Madden, G. Makiwa, P. Martin, M.-A. Miville-Deschênes, S. Molinari, H. Moseley, F. Motte, K. Okumura, D. Pinheiro Gonçalves, J. A. Rodón, D. Russeil, P. Saraceno, S. Sidher, **L.D. Spencer**, B. Swinyard, D. Ward-

Thompson, G. J. White and A. Zavagno, *First detection of the methylidyne cation ( $CH^+$ ) fundamental rotational line with the Herschel/SPIRE FTS*, *Astronomy & Astrophysics*, Vol. 518, L117 (5pp), July 2010.

- J. A. Rodón, A. Zavagno, J.-P. Baluteau, L. D. Anderson, E. Polehampton, A. Abergel, F. Motte, S. Bontemps, P. Ade, P. André, H. Arab, C. Beichman, J.-P. Bernard, K. Blagrove, F. Boulanger, M. Cohen, M. Compiègne, P. Cox, E. Dartois, G. Davis, R. Emery, T. Fulton, C. Gry, E. Habart, M. Halpern, M. Huang, C. Joblin, S. C. Jones, J. Kirk, G. Lagache, T. Lin, S. Madden, G. Makiwa, P. Martin, M.-A. Miville-Deschênes, S. Molinari, H. Moseley, D. Naylor, K. Okumura, F. Orioux, D. Pinheiro Gonçalves, T. Rodet, D. Russeil, P. Saraceno, S. Sidher, **L.D. Spencer**, B. Swinyard, D. Ward-Thompson and G. White, *Physical properties of the Sh2-104 HII region as seen by Herschel*, *Astronomy & Astrophysics*, Vol. 518, L80 (5pp), July 2010.
- A. Abergel, H. Arab, M. Compiègne, J. M. Kirk, P. Ade, L. D. Anderson, P. André, J.-P. Baluteau, J.-P. Bernard, K. Blagrove, S. Bontemps, F. Boulanger, M. Cohen, P. Cox, E. Dartois, G. Davis, R. Emery, T. Fulton, C. Gry, E. Habart, M. Huang, C. Joblin, S. C. Jones, G. Lagache, T. Lim, S. Madden, G. Makiwa, P. Martin, M.-A. Miville-Deschênes, S. Molinari, H. Moseley, F. Motte, D. Naylor, K. Okumura, D. Pinheiro Gonçalves, E. Polehampton, J. Rodon, D. Russeil, P. Saraceno, M. Sauvage, S. Sidher, **L.D. Spencer**, B. Swinyard, D. Ward-Thompson, G. J. White and A. Zavagno, *Evolution of interstellar dust with Herschel. First results in the photodissociation regions of NGC 7023*, *Astronomy & Astrophysics*, Vol. 518, L96 (5pp), July 2010.
- L. D. Anderson, A. Zavagno, J. A. Rodón, D. Russeil, A. Abergel, P. Ade, P. André, H. Arab, J.-P. Baluteau, J.-P. Bernard, K. Blagrove, S. Bontemps, F. Boulanger, M. Cohen, M. Compiègne, P. Cox, E. Dartois, G. Davis, R. Emery, T. Fulton, C. Gry, E. Habart, M. Huang, C. Joblin, S. C. Jones, J. M. Kirk, G. Lagache, T. Lim, S. Madden, G. Makiwa, P. Martin, M.-A. Miville-Deschênes, S. Molinari, H. Moseley, F. Motte, D. A. Naylor, K. Okumura, D. Pinheiro Gonçalves, E. Polehampton, P. Saraceno, M. Sauvage, S. Sidher, **L.D. Spencer**, B. Swinyard, D. Ward-Thompson and G. J. White, *The physical properties of the dust in the RCW 120 HII region as seen by Herschel*, *Astronomy & Astrophysics*, Vol. 518, L99 (5pp), July 2010.
- E. Habart, E. Dartois, A. Abergel, J.-P. Baluteau, D. Naylor, E. Polehampton, C. Joblin, P. Ade, L. D. Anderson, P. André, H. Arab, J.-P. Bernard, K. Blagrove, S. Bontemps, F. Boulanger, M. Cohen, M. Compiègne, P. Cox, G. Davis, R. Emery, T. Fulton, C. Gry, M. Huang, S. C. Jones, J. Kirk, G. Lagache, T. Lim, S. Madden, G. Makiwa, P. Martin, M.-A. Miville-Deschênes, S. Molinari, H. Moseley, F. Motte, K. Okumura, D. Pinheiro Gonçalves, J. Rodon, D. Russeil, P. Saraceno, S. Sidher, **L.D. Spencer**, B. Swinyard, D. Ward-Thompson, G. J. White and A. Zavagno, *SPIRE spectroscopy of the prototypical Orion Bar photodissociation region*, *Astronomy & Astrophysics*, Vol. 518, L116 (5pp), July 2010.
- **L.D. Spencer** and D.A. Naylor, *A Technique for the Metrology Calibration of a Fourier Transform Spectrometer*, *Applied Optics*, Vol. 47, No. 32, pp. 6009 – 6013, Dec. 2008.

## Conference Proceedings & Presentations

- **L.D. Spencer**, P.A.R. Ade, M.E. Caldwell, W.F. Grainger, M.J. Griffin, R. Juanola-Parramon, G.M. Klemencic, E. Pascale, G. Savini, B.M. Swinyard, *Laboratory Development of Spatial/Spectral Interferometry for Far-IR Space Applications*, OSA FTS 2013, oral presentation, Arlington, Virginia, U.S.A., Jun. 2013, *invited*.
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