

**REFEREED PUBLICATIONS**

50. **Physical Conditions in the Ionized Gas of 30 Doradus**  
Indebetouw, DeMessieres<sup>†</sup>, et al. 2008 ApJ in preparation
49. **MIPSGAL: a survey of the inner Galactic plane at 24 and 70 $\mu$ m**  
Carey, Noriega-Crespo, Mizuno, Shenoy<sup>‡</sup>, Price, Kraemer, Paladini<sup>‡</sup>, Ingalls, Flagey<sup>‡</sup>, Ryan<sup>†</sup>, Indebetouw, et 15 al. 2008 ApJ, submitted
48. **A GLIMPSE into the Nature of Galactic Mid-IR Excesses**  
Uzpen<sup>†</sup>, Koblunicky, Semler, Bensby, Thom, Meade, Babler, Indebetouw, Whitney, Watson, & Churchwell, 2008 ApJ, submitted
47. **LMC's Largest Molecular Cloud Complex: Spitzer Analysis of Embedded Star Formation**  
Indebetouw, Whitney, Kawamura, Onishi, Meixner, Meade, Babler, Hora, Gordon, Engelbracht, et 3 al. 2008 AJ, submitted
46. **Spitzer SAGE Survey of the LMC: III: Star Formation and  $\sim$ 1100 YSO Candidates**  
Whitney, Sewilo<sup>‡</sup>, Indebetouw, Robitaille<sup>†</sup>, Meixner, Gordon, Meade, Babler, Harris, et 46 al. 2008 AJ, accepted
45. **Subarcsecond Submm Imaging of the UCHII region G5.89-0.39**  
Hunter, Brogan, Indebetouw, & Cyganowski 2008 ApJ, accepted
44. **WIYN Near Investigation of Three Massive Star Forming Regions**  
Devine<sup>†</sup>, Churchwell, Indebetouw, Watson, & Crawford 2008 AJ, accepted
43. **Structure of the Interstellar Medium around Cas A**  
Kim, Rieke, Krause, Misselt, Indebetouw, Johnson 2008 ApJ, accepted
42. **Spitzer SAGE Observations of LMC Planetary Nebulae**  
Hora, Cohen, Ellis, Meixner, Blum, Latter, Whitney, Meade, Babler, Indebetouw et 7 al. 2007 AJ, accepted
41. **IR Dust Bubbles: Probing the Detailed Structure and Young Massive Stellar Populations of Galactic HII Regions**  
Watson, Povich<sup>†</sup>, Churchwell, Babler, Chunev<sup>†</sup>, Hoare, Indebetouw, Meade, Robitaille<sup>†</sup>, & Whitney 2007 ApJ, accepted
40. **Infrared point source variability in the Spitzer and MSX Surveys of the Galactic mid-Plane**  
Robitaille<sup>†</sup>, Whitney, Meade, Babler, Indebetouw, & Churchwell 2007 AJ, 134, 2099
39. **The Bubbling Galactic Disk. II. The Inner 20 $^{\circ}$**   
Churchwell, Watson, Povich<sup>†</sup>, Taylor, Babler, Meade, Benjamin, Indebetouw, Whitney 2007 ApJ, 670, 428
38. **Molecular Outflows and a Mid-Infrared Census of the Massive Star-Formation Region Associated with IRAS 18507+0121**  
Shepherd, Povich<sup>†</sup>, Whitney, Robitaille<sup>†</sup>, Nurnberger, Bronfman, Stark<sup>†</sup>, Indebetouw, Meade, Babler 2007 ApJ, 669, 464
37. **Spitzer IRAC observations of newly-discovered planetary nebulae from the Macquarie-AAO-Strasbourg H $\alpha$  PN Project**  
Cohen, Parker, Green, Murphy, Miszalski, Frew, Meade, Babler, Indebetouw, Whitney, et 3 al. 2007 ApJ, 669, 343

---

<sup>†</sup> student <sup>‡</sup> postdoc

36. **The protostellar population of the Eagle Nebula: Characterization using Spitzer/GLIMPSE**  
Indebetouw, Robitaille<sup>†</sup>, Whitney, Babler, Churchwell, Meade, Watson, Wolfire 2007 ApJ, 666, 321
35. **Multiwavelength Study of M17: The Spectral Energy Distribution and PAH Emission Morphology of a Massive Star-Formation Region**  
Povich<sup>†</sup>, Stone<sup>†</sup>, Churchwell, Zweibel, Wolfire, Babler, Indebetouw, Meade, & Whitney 2007 ApJ, 660, 346
34. **Interpreting SEDs of Young Stellar Objects. II. Fitting YSO SEDs using a large set of pre-computed models**  
Robitaille<sup>†</sup>, Whitney, Indebetouw, & Wood 2007 ApJS, 169, 328
33. **The Frequency of Mid-Infrared Excess Sources in Galactic Surveys**  
Uzpen<sup>†</sup>, Koblunicky, Monson<sup>†</sup>, Pierce, Backman, Meade, Babler, Indebetouw, Whitney, Watson, et 14 al. 2007 ApJ, 658, 1264
32. **Discovery of Two Galaxies Deeply Embedded in the Great Attractor Wall**  
Jarrett, Koribalski, Kraan-Korteweg, Woudt, Whitney, Meade, Babler, Churchwell, Benjamin, & Indebetouw 2007 AJ, 133, 979
31. **A GLIMPSE of the Jellyfish Nebula and its MYSO**  
Mercer<sup>†</sup>, Clemens, Rathborne, Meade, Babler, Indebetouw, Whitney, Watson, Wolfire, Wolff, et 10 al. 2007 ApJ, 656, 242
30. **Structure Generation by Irradiation: What Can GLIMPSE Teach Us about the ISM Structure?**  
Heitsch, Whitney, Indebetouw, Meade, Babler, & Churchwell 2007 ApJ, 656, 227
29. **Absolute Diffuse Calibration of Spitzer Through Mid-Infrared and Radio Study of HII Regions** Cohen, Green, Meade, Babler, Indebetouw, Whitney, Watson, Wolfire, Wolff, Mathis, & Churchwell 2007 MNRAS, 374, 979
28. **Interpreting SEDs from Young Stellar Objects. I. A large grid of 200,000 YSO SED models**  
Robitaille<sup>†</sup>, Whitney, Indebetouw, Wood, & Denzmore 2006 ApJS, 167, 256
27. **Spitzer SAGE survey of the LMC. II: Evolved stars and Infrared Color Magnitude Diagrams**  
Blum, Mould, Olsen, Frogel, Werner, Meixner, Indebetouw, Whitney, Meade, Babler, et 41 al. 2006 AJ, 132,1034
26. **The Bubbling Galactic Disk**  
Churchwell, Povich<sup>†</sup>, Allen<sup>†</sup>, Taylor<sup>†</sup>, Meade, Babler, Indebetouw, Whitney, Watson, Wolfire, et 13 al. 2006 ApJ, 649, 759
25. **Spitzer Survey of the LMC, Surveying the Agents of a Galaxy's Evolution I: Overview and Initial Results**  
Meixner, Gordon, Indebetouw, Hora, Churchwell, Whitney, Blum, Reach, Bernard, Meade et 39 al. 2006 AJ, 132, 2268
24. **A Survey for New Members of Taurus with the Spitzer Space Telescope**  
Luhman, Meade, Babler, Whitney, Bracker, Indebetouw, & Churchwell 2006 ApJ, 247, 1180L
23. **A Spitzer Space Telescope Infrared Survey of Supernova Remnants in the Inner Galaxy**

- Reach, Rho, Tappe, Pannuti, Brogan, Churchwell, Meade, Babler, **Indebetouw**, & Whitney 2006 AJ, 131, 1479
22. **New Star Clusters Discovered in the GLIMPSE Survey**  
Mercer<sup>†</sup>, Clemens, Meade, Babler, **Indebetouw**, Whitney, Watson, Wolfire, Wolff, Bania, et 10 al. 2005 ApJ, 635, 560
  21. **3-D Models of Embedded High-Mass Stars: Effects of a Clumpy Circumstellar Medium**  
**Indebetouw**, Whitney, Johnson, & Wood 2005 ApJ, 636, 362
  20. **Identification of Main Sequence Stars with Mid-Infrared Excesses Using GLIMPSE:  $\beta$ -Pictoris Analogs?**  
Uzpen<sup>†</sup>, Kobulnicky, Olsen, Clemens, Laurance<sup>†</sup>, Meade, Babler, **Indebetouw**, Whitney, Watson, et 16 al. 2005 ApJ, 629 512
  19. **First GLIMPSE Results on Stellar Structure of the Galaxy**  
Benjamin, Churchwell, Babler, **Indebetouw**, Meade, Whitney, Watson, Wolfire, Wolff, Bania, et 11 al. 2005 ApJ, 630, 149
  18. **G313.3+00.3: A New Planetary Nebula Discovered by the Australia Telescope Compact Array and Spitzer**  
Cohen, Green, Roberts, Meade, Babler, **Indebetouw**, Whitney, Watson, Wolfire, Wolff et 2 al. 2005 ApJ, 627, 446
  17. **Discovery of a New Low-Latitude Milky Way Globular Cluster using GLIMPSE**  
Kobulnicky, Monson<sup>†</sup>, Buckalew, Darnel<sup>†</sup>, Uzpen<sup>†</sup>, Meade, Babler, **Indebetouw**, Whitney, Watson, et 19 al. 2005 AJ, 129, 239
  16. **The Wavelength Dependence of Interstellar Extinction from 1.25 to 8.0 $\mu$ m Using GLIMPSE Data**  
**Indebetouw**, Mathis, Babler, Meade, Watson, Whitney, Wolff, Wolfire, Bania, Benjamin, et 10 al. 2005 ApJ, 619, 931
  15. **2-D Models of Protostars: III. Effects of Stellar Temperature**  
Whitney, **Indebetouw**, Bjorkman, & Wood 2004 ApJ, 617, 1177
  14. **Australia Telescope Compact Array Survey of Candidate UCHII Regions in the Magellanic Clouds**  
**Indebetouw**, Johnson, & Conti 2004 ApJ, 128, 2206
  13. **A GLIMPSE of Star Formation in the Giant H II Region RCW49**  
Whitney, **Indebetouw**, Babler, Meade, Watson<sup>†</sup>, Wolff, Wolfire, Bania, Benjamin, Clemens, et 12 al. 2004 ApJ, 154, 315
  12. **Discovery of a Distant Star Formation Region using GLIMPSE**  
Mercer<sup>†</sup>, Clemens, Bania, Jackson, Rathborne, Shah, Babler, **Indebetouw**, Meade, Watson<sup>†</sup>, et 12 al. 2004 ApJS, 154, 328
  11. **RCW49 at Mid-IR Wavelengths: A GLIMPSE from the Spitzer Space Telescope**  
Churchwell, Whitney, Babler, **Indebetouw**, Meade, Watson<sup>†</sup>, Wolff, Wolfire, Bania, Benjamin, et 11 al. 2004 ApJS, 154, 322
  10. **Revealing the Young Starburst in Haro-3 with Radio and Infrared Imaging**  
Johnson, **Indebetouw**, Watson, & Kobulnicky 2004 AJ, 128, 610
  9. **O VI, N V, and C IV in the Galactic Halo: I. Velocity-Dependent Ionization Models**  
**Indebetouw** & Shull 2004 ApJ, 605, 205

8. **O VI, N V, and C IV in the Galactic Halo: II. Velocity-Resolved Observations**  
Indebetouw & Shull 2004 ApJ, 607, 309
7. **Detection of a Near-Infrared Counterpart to the Massive Protostar G192.16-3.82**  
Indebetouw, Watson<sup>†</sup>, Johnson, Whitney & Churchwell 2003 ApJ, 596, 83
6. **GLIMPSE: A SIRTf Legacy Project to Map the Inner Galaxy**  
Benjamin, Churchwell, Babler, Bania, Clemens, Cohen, Dickey, Indebetouw, Jackson, Kobulnicky, et al. 2003 PASP, 115, 953
5. **Searching for Embedded Super Star Clusters in IC4662, NGC1705, & NGC5398**  
Johnson, Indebetouw<sup>†</sup>, & Pisano 2003 AJ, 126, 101
4. **Technique for Narrow-Band Imaging in the Far UV Based on Aberration-Corrected Holographic Gratings**  
Wilkinson, Indebetouw<sup>†</sup>, & Beasley 2001 Appl. Opt., 40, 3244
3. **The Hot Carbon, Oxygen, and Nitrogen, Echelle Spectrograph**  
Indebetouw<sup>†</sup>, McLean, Wilkinson, Green, & Beasley 2001 Rev. Sci. Inst., 72, 1850
2. **Fragmentation Instability of Molecular Clouds: Numerical Simulations**  
Indebetouw<sup>†</sup> & Zweibel 2000 ApJ, 532, 361
1. **Theoretical Position- Velocity Diagrams of Flux,  $n_e$ , and  $T_e$  in Herbig-Haro Objects**  
Indebetouw<sup>†</sup> & Noriega-Crespo 1995, AJ, 109, 752-761

#### **PROCEEDINGS and INVITED TALKS**

##### **Star formation in Galaxies: Insights from Spitzer (INVITED)**

Indebetouw 2008 U Maryland College Park

##### **The Spitzer/SAGE View of Star Formation in the LMC (INVITED)**

Indebetouw, Whitney, Sewilo<sup>†</sup>, Robitaille<sup>†</sup>, et al. 2007 AAS

##### **Massive Star Formation with GLIMPSE (INVITED)**

Indebetouw, Whitney, Robitaille<sup>†</sup>, Churchwell et al. 2005 IAUS 227

##### **2-D and 3-D radiation transfer models of high-mass star formation (INVITED)**

Whitney, Robitaille<sup>†</sup>, Indebetouw, Wood, Bjorkman, & Denzmore<sup>†</sup> IAUS 227

##### **Design Study for the WIYN High Resolution Infrared Camera**

Meixner, Knezek, Churchwell, Doering<sup>†</sup>, Indebetouw, Figer, MacKenty, Fruchter, Barkhauser, & Smee 2004, Proc. SPIE 5492, 90

##### **GLIMPSE – the latest of a new generation of IR surveys (INVITED)**

Indebetouw, Benjamin, & Churchwell 2004 ASP 317

in “Milky Way Surveys: The Structure and Evolution of our Galaxy”, ed. Clemens, Shah, & Brainerd

##### **A Holographic Telescope for Narrow Band Imaging in the Far Ultraviolet**

Wilkinson & Indebetouw<sup>†</sup> 2000, Proc. SPIE 4013, 426

##### **Two Imaging Spectrometer Designs Using Aberration-Corrected Holographic Recording Solutions**

Wilkinson & Indebetouw<sup>†</sup> 1999, Proc. SPIE 3765, 582