

## – 2018 –

64. Thalmann, J. K., *Long-term evolution of magnetic helicity in solar active regions*, ISSI Helicity in Astrophysical Plasmas Consortium Meeting 1, Bern, Switzerland, Dec 17–20. (*Invited Talk.*)
63. Moore, R. L., Tiwari, S. K., Thalmann, J. K., Panesar, N. K., Winebarger, A., *Dependence of heating of active region coronal loops on their photospheric magnetic setting*, AGU Fall Meeting, Washington, D.C., USA, Dec 10–14. (Poster.)
62. Baumgartner, C., Thalmann, J. K., Veronig, A. M., *Which factors of an active region determine whether a strong flare will be CME-associated or not?*, 2018 SDO Science Workshop – Catalyzing Solar Connections, Ghent, Belgium, Oct 29–Nov 02. (*Contributed Talk.*)
61. Baumgartner, C., Thalmann, J. K., Veronig, A. M., *Which factors of an active region determine whether a flare will be eruptive or confined?*, XVth Hvar Astrophysical Colloquium/ISEST Workshop, Hvar, Croatia, Sep 24–28. (*Contributed Talk.*)
60. Baumgartner, C., Thalmann, J. K., Veronig, A. M., *On the factors determining the eruptive character of solar flares*, XXXth General Assembly of the International Astronomical Union, Vienna, Austria, Aug 20–31. (*Contributed Talk.*)
59. Baumgartner, C., Thalmann, J. K., Veronig, A. M., *Which factors of an active region determine whether a flare will be eruptive or confined?*, 42th COSPAR Scientific Assembly, Pasadena, CA, US, Jul 14–22. (*Contributed Talk.*)
58. Veronig, A. M., Tschernitz, J., Thalmann, J. K., Hinterreiter, J., Pötzi, W., *Magnetic reconnection fluxes in solar flares and their implications for solar and stellar superflares*, 42th COSPAR Scientific Assembly, Pasadena, CA, US, Jul 14–22. (*Contributed Talk.*)
57. Baumgartner, C., Thalmann, J. K., Veronig, A. M., *Which factors of an active region determine whether a flare will be eruptive or confined?*, SCOSTEP 14th Quadrennial Solar-Terrestrial Physics Symposium, Toronto, Canada, US, Jul 9–13. (Poster.)
56. Baumgartner, C., Thalmann, J. K., Veronig, A. M., *On the factors determining the eruptive character of solar flares*, EGU General Assembly, Vienna, Austria, Apr 8–13. (Poster.)
55. Hinterreiter, J., Veronig, A. M., Thalmann, J. K., Tschernitz, J., Pötzi, W., *Characteristics of ribbon evolution and reconnection electric fields in H $\alpha$  two-ribbon flares*, EGU General Assembly, Vienna, Austria, Apr 8–13. (Poster.)
54. Temmer, M., Thalmann, J. K., Dissauer, K., Veronig, A. M., Tschernitz, J., Hinterreiter, J., Rodriguez, L., *Combining remote-sensing image data with in-situ measurements supported by modeling for Earth-affecting CME events*, EGU General Assembly, Vienna, Austria, Apr 8–13. (*Contributed Talk.*)

## – 2017 –

53. Tiwari, S. K., Thalmann, J. K., Panesar, N. K., Moore, R. L., Winebarger, A., *Invisibility of Solar Active Region Umbra-to-Umbra Coronal Loops: New evidence that magnetoconvection drives solar-stellar coronal heating*, AGU Fall Meeting, New Orleans, USA, Dec 11–15. (Poster.)

Contributions to  
Conferences and  
Workshops  
(continued)

52. Thalmann, J. K., Zuccarello, F. P., Veronig, A. M., *First long-term monitoring of a coronal null point topology and associated homologous confined flaring*, ESPM, Budapest, Hungary, Sep 04–08. (Poster.)
51. Baumgartner, C., Thalmann, J. K., Veronig, A. M., *Statistical properties of photospheric and coronal magnetic fields in confined and eruptive solar flares*, ESPM, Budapest, Hungary, Sep 04–08. (Poster.)
50. Thalmann, J. K., *Non linear force-free modeling of erupting active regions*, National Astronomy Meeting, Hull, Great Britain, Jul 02–06. (**Invited Review.**)
49. Thalmann, J. K., *Advances in solar flare science through modeling of the magnetic field in the solar atmosphere (Arne Richter Award for Outstanding ECSs Lecture)*, EGU General Assembly, Vienna, Austria, Apr 23–28. (**Invited Talk.**)
48. Temmer, M., Thalmann, J. K., Dissauer, K., Veronig, A. M., Tschernitz, J., Hinterreiter, J., Rodriguez, L., *Flare-CME characteristics from Sun to Earth combining observations and modeling*, EGU General Assembly, Vienna, Austria, Apr 23–28. (**Contributed Talk.**)
47. Valori, G., Pariat, E., Anfinogentov, S., Chen, F., Georgoulis, M., Guo, Y., Liu, Y., Moraitis, K., Thalmann, J. K., Yang, S., *Magnetic helicity estimations in models and observations of the solar magnetic field*, EGU General Assembly, Vienna, Austria, Apr 23–28. (**Contributed Talk.**)
46. Veronig, A. M., Tschernitz, J., Hinterreiter, J., Thalmann, J. K., *Magnetic reconnection rates in solar flares and implications for “superflares”*, EGU General Assembly, Vienna, Austria, Apr 23–28. (**Contributed Talk.**)

– 2016 –

45. Temmer, M., Dissauer, K., Thalmann, J. K., Veronig, A. M., Rodriguez, L., Tschernitz, J., Hinterreiter, J., *Relating flare-CME characteristics from remote-sensing image data to ICME in-situ measurements for an Earth-affecting event*, XIVth Hvar Astrophysical Colloquium, Hvar, Croatia, Sep 26–30. (**Contributed Talk.**)
44. Thalmann, J. K., *Relative helicity modeling based on NLFF modeling*, ISSI Helicity Consortium Meeting 3, Bern, Switzerland, Sep 20–23. (**Invited Talk.**)
43. Thalmann, J. K., *Thin-plate-spline correction of saturated vector magnetic field data*, ISSI Helicity Consortium Meeting 3, Bern, Switzerland, Sep 20–23. (**Invited Talk.**)
42. Temmer, M., Thalmann, J. K., Dissauer, K., Veronig, A. M., Tschernitz, J., Hinterreiter, J., Rodriguez, L., *Flare-CME characteristics – effectively relating remote-sensing image data to in-situ measurements supported by modeling*, ISSI Helicity Consortium Meeting 3, Bern, Switzerland, Sep 20–23. (**Invited Talk.**)
41. Hernandez-Perez, A., Thalmann, J. K., Veronig, A. M., Su, Y., *A quadrupolar ribbon flare studied with SDO and RHESSI*, 15th RHESSI Workshop, Graz, Austria, Jul 26–30. (**Contributed Talk.**)
40. Hinterreiter, J., Thalmann, J. K., Veronig, A. M., Tschernitz, J., Pötzi, W., *Local reconnection rates of confined and eruptive H $\alpha$  two-ribbon flares*, 15th RHESSI Workshop, Graz, Austria, Jul 26–30. (Poster.)

Contributions to  
Conferences and  
Workshops  
(continued)

39. Gömöry, P., Veronig, A. M., Su, Y., Temmer, M., Thalmann, J. K., *Chromospheric evaporation flows and density changes deduced from Hinode/EIS during an M1.6 flare*, 15th RHESSI Workshop, Graz, Austria, Jul 26–30. (*Contributed Talk.*)
38. Thalmann, J. K., Veronig, A. M., Su, Y., *Temporal and spatial relationship of flare signatures and the coronal magnetic field*, 15th RHESSI Workshop, Graz, Austria, Jul 26–30. (*Contributed Talk.*)
37. Veronig, A. M., Hinterreiter, J., Tschernitz, J., Thalmann, J. K., *Magnetic reconnection rates in eruptive and confined solar flares*, 15th RHESSI Workshop, Graz, Austria, Jul 26–30. (*Contributed Talk.*)
36. Tiwari, S. K., Thalmann, J. K., Moore, R., Panesar, N., Winebarger, A., *Suppression of heating of coronal loops rooted in opposite polarity sunspot umbrae*, SPD Meeting, Boulder, Colorado, May 31–Jun 3. (Poster.)
35. Thalmann, J. K., Temmer, M., Veronig, A. M., Su, Y., *Space weather and confined CME events*, EGU, Vienna, Austria, Apr 17–22. (Poster.)

– 2015 –

34. Thalmann, J. K., *Magnetic fields in the chromosphere and corona*, 12th Potsdam Thinkshop, Potsdam, Germany, Oct 26–29. (*Invited Review.*)
33. Thalmann, J. K., *Effect of non-zero divergence on Coulomb-gauge helicity-in-volume computation*, Helicity Consortium Meeting 2, ISSI Bern, Switzerland, Oct 12–16. (*Invited Talk.*)
32. Thalmann, J. K., Su, Y., Temmer, M., Veronig, A. M., *Exceptions to the rule: the X-flares of AR 2192 lacking coronal mass ejections*, CSPM, Coimbra, Portugal, Oct 5–9. (*Contributed Talk.*)
31. Veronig, A. M., Thalmann, J. K., Su, Y., Temmer, M., Polanec, W., *Diagnostics of the energy release in the confined X-class flares of NOAA 12192*, 14th RHESSI Workshop, Newark, New Jersey, Aug 12–15. (*Contributed Talk.*)
30. Tiwari, S. K., Thalmann, J. K., Winebarger, A., Panesar, N., Moore, R. L., *Suppression of heating of coronal loops rooted in opposite polarity sunspot umbrae*, VIIth Coronal Loop Workshop, Cambridge, UK, Jul 21–23. (*Contributed Talk.*)
29. Piantschich, I., Amerstorfer, U., Thalmann, J. K., Hanslmeier, A., Lemmerer, B., *Two-fluid 2.5D code for simulations of small scale magnetic fields in the lower solar atmosphere*, EGU, Vienna, Apr 12–17. (Poster.)
28. Tiwari, S. K., Thalmann, J. K., Winebarger, A., Panesar, N., Moore, R. L., *Evidence of suppressed heating of coronal loops rooted in opposite polarity sunspot umbrae*, TESS, Indianapolis, Indiana, Apr 26–30. (*Contributed Talk.*)
27. Thalmann, J. K., Temmer, M., Su, Y., Veronig, A. M., *The exceptional aspects of the X-Flares of Solar Active Region 2192*, XXIX IAU General Assembly, Honolulu, Hawaii, Aug 03–14. (*Contributed Talk.*)

Contributions to  
Conferences and  
Workshops  
(continued)

26. Thalmann, J. K., Temmer, M., Su, Y., Veronig, A. M., *The exceptional X-class Flares of solar active Region 2192 lacking coronal mass ejections*, 26th IUGG General Assembly, Prague, Czech Republic, Jun 22–Jul 02. (*Contributed Talk.*)

– 2014 –

25. Thalmann, J. K., *A helicity-in-volume method to estimate the helicity of active regions*, Helicity Consortium Meeting 1, ISSI Bern, Switzerland, Dec 1–5. (*Invited Talk.*)
24. Thalmann, J. K., *Recent progress in coronal magnetic field modeling*, CDSA Meeting, Pune, India, Nov 10–15. (*Invited Review.*)
23. Thalmann, J. K., Tiwari, S. K., Wiegelmann, T., *Braiding and twist of a coronal active-region magnetic field*, ESPM 14, Dublin, Ireland, Sep 8–12. (*Contributed Talk.*)
22. Thalmann, J. K., *The solar magnetic field and its heliospheric response*, DPG Meeting, Berlin, Germany, Mar 17–21. (*Invited Review.*)
21. Thalmann, J. K., *FOV Experiments*, NLFFF Consortium Meeting 7, ISSI Bern, Switzerland, Jan 13–16. (*Invited Talk.*)

– 2013 –

20. Thalmann, J. K., *How does spatial resolution affect the optimization method?*, NLFF Consortium Meeting 6, ISSI Bern, Switzerland, Jan 27–Feb 1. (*Invited Talk.*)
19. Thalmann, J. K., Tiwari, S. K., Wiegelmann, T., *Force-free coronal magnetic field modeling using vector maps from Hinode and SDO*, EGU General Assembly, Vienna, Austria, Apr 7–12. (Poster.)

– 2012 –

18. Thalmann, J. K., Wiegelmann, T., Tiwari, S. K., Sun, X., , *On the comparison of nonlinear force-free models based on vector-magnetograms from different instruments*, AGU Fall Meeting, San Francisco, California, Dec 3–7. (Poster.)
17. Thalmann, J. K., Pietarila, A., Sun, X., Wiegelmann, T., *Comparing force-free reconstructions of the solar corona based on SDO/HMI and SOLIS/VSM magnetograms*, NAM, Manchester, UK, Mar 27–30. (*Contributed Talk.*)

– 2011 –

16. Thalmann, J. K., Inhester, B., Wiegelmann, T., *Estimating the relative helicity of coronal magnetic fields*, Solaire Network Meeting 4, Teistungen, Germany, May 10–13. (Poster.)
15. Thalmann, J. K., Inhester, B., Wiegelmann, T., *Estimating the magnetic energy and helicity in solar active regions*, Sun 360, Stereo-4/SDO-2/SOHO-25 Workshop, Kiel, Jul 24–29. (Poster.)
14. Thalmann, J. K., Wiegelmann, T., Sun, X., Hoeksema, J. T., *Nonlinear force-free extrapolations of vector-magnetograms into the corona*, AGU Fall Meeting, San Francisco, USA, Dec 5–9. (*Contributed Talk.*)

## – 2010 –

13. Thalmann, J. K., Wiegelmann, T., Inhester, B., *Magnetic helicity in solar active regions*, Xth Hvar Astrophysical Colloquium – The Active Sun, Town Loggia, Hvar, Croatia, Sep 6–10. (*Contributed Talk.*)
12. Wiegelmann, T., Thalmann, J. K., Jing, J., Wang, H., *Monitoring free magnetic energy in erupting active regions*, 38th COSPAR Scientific Assembly, Bremen, Germany, Jul 15–18. (*Contributed Talk.*)

## – 2008 –

11. De Rosa, M. L., Schrijver, C. J., Barnes, G., Leka, K. D., Lites, B. W., Aschwanden, M. J., McTiernan, J. M., Régnier, S., Thalmann, J. K., Valori, G., Wheatland, M. S., Wiegelmann, T., Cheung, M., Conlon, P. A., Fuhrmann, M., Inhester, B., Tadesse, T., *Nonlinear Force-Free Magnetic Field Modeling of the Solar Corona: A Critical Assessment*, AGU Fall Meeting, San Francisco, California, Dec 15–19. (*Contributed Talk.*)
10. Thalmann, J. K., Wiegelmann, T., *Evolution of two flaring active regions with CME association*, AGU Fall Meeting, San Francisco, California, Dec 15–19. (Poster.)
9. Thalmann, J. K., Wiegelmann, T., *Using Solis Vector-SpectroMagnetograph data for coronal magnetic field extrapolation*, A Next Generation Coronal Active Region Model Workshop, Philadelphia, USA, Oct 22–23. (*Contributed Talk.*)
8. Thalmann, J. K., Wiegelmann, T., *Magnetic field extrapolation of flaring active regions*, IXth Hvar Astrophysical Colloquium – Solar Minimum Meeting, Hvar, Croatia, Sep 22–26. (*Contributed Talk.*)
7. Wiegelmann, T., Thalmann, J. K., *Nonlinear force-free field models*, 37th COSPAR Scientific Assembly, Montréal, Canada, Jul 13–20. (*Contributed Talk.*)
6. Thalmann, J. K., *Magnetic field extrapolation of flaring active regions*, NLFFF Consortium Meeting 5, Katlenburg-Lindau, Germany, Jun 30–Jul 2. (*Invited Talk.*)
5. Thalmann, J. K., Wiegelmann, T., *Evolution of the coronal magnetic field of NOAA active region 10540*, EGU General Assembly, Vienna, Austria, Apr 13–18. (Poster.)

## – 2007 –

4. Wiegelmann, T., Thalmann, J. K., Schrijver, C. J., De Rosa, M. L., Metcalf, T. R., *Can we Improve the Preprocessing of Photospheric Vectormagnetograms by the Inclusion of Chromospheric Observations?*, AGU Fall Meeting, San Francisco, USA, Dec 10–14. (*Contributed Talk.*)
3. Thalmann, J. K., Wiegelmann, T., *Nonlinear force-free field extrapolation of NOAA active region 10540*, AGU Fall Meeting, San Francisco, USA, Dec 10–14. (Poster.)
2. Wiegelmann, T., Thalmann, J. K., *Nonlinear Force-Free Field Extrapolation of NOAA AR 0696*, AGU Fall Meeting, San Francisco, USA, Dec 10–14. (Poster.)
1. Thalmann, J. K., Wiegelmann, T., *Testing of H-alpha Preprocessing*, NLFFF Consortium Meeting 4, Paris, France, Jun 12–14. (*Invited Talk.*)