

# Zoznam príspevkov prednesených na medzinárodných konferenciách členmi projektu APVV-0816-11

2016/01/26

## Orálne príspevky:

- 2015 - [2th Potsdam Thinkshop 'The Dynamic Sun - Exploring the Many Facets of Solar Eruptive Events'](#), Postdam, (Germany), 26-29/10/2015
  - P. Schwartz, H. Balthasar, C. Kuckein, J. Koza, P. Gomory, J. Rybak, A. Kučera, P. Heinzel: 'Non-LTE Inversion of Spectropolarimetric and Spectroscopic Observations of a Filament on 11 September 2014 at the VTT', [PDF](#)
  - H. Balthasar, P. Gömöry, C. Denker, S. J. González Manrique, J. Kavka, J. Koza, A. Kučera, C., Kuckein, P. Schwartz, R. Vašková, and GREGOR-team: 'Spectropolarimetric observations of filaments with GREGOR', [PDF](#)
- 2015 - [Coimbra Solar Physics Meeting 'Ground-based Solar Observations in the Space Instrumentation Era'](#), Coimbra, (Portugal), 5-9/09/2015
  - M. Bodnárová, D. Utz, J. Rybák: 'Possible chromospheric response to the dynamics of photospheric G-band bright points', [PDF](#)
  - P. Schwartz, P. Heinzel, S. Jejčíč, J. Rybák, P. Kotrč, F. Fárník, Yu. A. Kupryakov, E. E. DeLuca, L. Golub, P.R. Jibben, U. Anzer, A.G. Tlatov, S.A. Guseva: 'Is it possible to use the green coronal line instead of X rays to cancel an effect of the coronal emissivity deficit in estimation of the prominence total mass from decrease of the EUV-corona intensities?', [PDF](#)
- 2015 - [IAU General Assembly, Meeting #29, IAUS 320: Solar and Stellar Flares and Their Effects on Planets](#), Honolulu, Hawaii (USA), 10-14/08/2015
  - A. Kučera, S. Tomczyk, J. Rybák, S. Sewell, P. Gömöry, P. Schwartz, J. Ambróz, M. Kozák: 'Dual instrument for Flare and CME onset observations - Double solar Coronagraph with Solar Chromospheric Detector and Coronal Multi-channel Polarimeter at Lomnický štit Observatory', [PDF](#)
- 2015 - [The 4th RADIOSUN Workshop and Summer School](#), The Institute of Solar-Terrestrial Physics (ISTP), Irkutsk, (Rusko), 8-12/06/2015
  - H. Meszarosova, M. Karlicky, P. Jelinek, J. Rybák: 'Magnetoacoustic waves propagating along a dense slab and Harris current sheet in the solar atmosphere', contributed talk, [PDF](#)
  - H. Meszarosova, J. Rybák: 'About wavelet methods that can help us to study fine structures of complex radio dynamic spectra', invited talk, [PDF](#)
- 2015 - 5th International workshop on small-scale solar and stellar magnetic fields, Bairisch Kölldorf (Rakúsko), 20-24/04/2015
  - J. Koza, P. Gomory, J. Rybák: 'Inferring spectral characteristics from DOT Halpha images', [PDF](#)
  - J. Koza, A. Lopez Ariste, P. Gomory, J. Rybák: 'THEMIS spectropolarimetry of quiescent prominences', [PDF](#)

- 2014 - [The magnetic solar corona as revealed by polarimetry'](#), Toulouse (France), 4-6/11/2014
  - M. Kozák, J. Ambróz, J. Rybák, A. Kučera, B. Larson, S. Sewell, S. Tomczyk: 'The Sensors Unlimited GA1280J SWIR camera as a detector for the solar IR coronal polarimetry ?', [PDF](#)
  - J. Rybák, A. Kučera, P. Gömöry, J. Koza, P. Schwartz, J. Ambróz, M. Kozák: 'The Lomnický Peak Observatory (LSO) - a status report and coronal polarimetry prospects', [PDF](#)
  - G. Capobianco, S. Fineschi, J. Rybák, G. Massone, J. Ambroz, M. Kozak, A. Kucera, M. Romoli, M. Pancrazzi: 'Coronal Magnetograph (CorMag): A Spectropolarimeter for the study of the coronal magnetic fields', [PDF](#)
  - S. Fineschi (1), G. Capobianco, J. Girella, A. Bemporad, J. Rybák, S. Gibson: 'Space- and Ground-based Coronal Spectro-Polarimetry: Synergies', [PDF](#)
- 2014 - [2nd SOLARNET School: "Ground- and space- based solar instruments"](#), Tatranska Lomnica (Slovakia), October 5-16, 2014
  - M. Kozák: 'Work with the CoMP-S instrument at the Lomnický Peak Observatory', [PDF](#)
- 2014 - [2nd SOLARNET Workshop: "Methods in high resolution and synoptic solar physics"](#) and [2nd SPRING meeting](#) Tatranska Lomnica, (Slovakia), October 12-16, 2014
  - P. Schwartz, S. Jejčíč, P. Heinzel, U. Anzer, E.E. DeLuca, P.R. Jibben: 'Total mass of a quiescent prominence and its visibility in soft X-rays observations of Hinode XRT', [PDF](#)
  - Koza, J., Hammerschlag, R.H., Rybák, J., Gomory, P., Kucera, A., Schwartz, P.: 'Transmission profile of the Dutch Open Telescope Halpha Lyot filter', [PDF](#)
- 2014 - [XIIIth Hvar Astrophysical Colloquium - Physics of the Solar Atmosphere](#), Hvar (Croatia), 22-26/09/2014
  - Kučera, A.: '404 years of solar photosphere research', [PDF](#)
- 2014 - [40th COSPAR Scientific Assembly](#), Moscow (Russia), 2-10 August, 2014, 8 August 2014; COSPAR-14-E2.1-0001-14: 'The science with future solar missions, from the Sun to the heliosphere',
  - S. Fineschi, A. Bemporad, G. Capobianco, J. Girella, J. Rybák: 'Space- and Ground-based Coronal Spectro-Polarimetry', [PDF](#)
- 2014 - 4th International workshop on small-scale solar magnetic fields, Bairisch Kuelldorf, April 23-25, 2014
  - M. Bodnárová, D. Utz, J. Koza, J. Rybák: 'Chromospheric Response to the Dynamics of the Photospheric G-band Bright Points', [PDF](#)
  - J. Koza, R.H. Hamerschlag, J. Rybák, P. Gömöry, A. Kučera, P. Schwartz: 'Transmission profile of the Dutch Open Telescope H alpha filter', [PDF](#)
  - J. Koza: 'The solar chromosphere in observations and simulations', [PDF](#)
- 2013 - [1st SOLARNET SPRING Workshop](#), Titisee, Nemecko, November 26-28, 2013
  - P. Gömöry , J. Ambróz, J. Koza, M. Kozák, A. Kučera, J. Rybák, P. Schwartz S. Tomczyk, S. Sewell, P. Aumiller, R. Summers, L. Sutherland, A. Watt 'Solar Chromospheric Detector for the Lomnický peak Observatory: towards synoptic imaging spectroscopy and spectro-polarimetry', [PDF](#)
  - A. Kučera, P. Gömöry: 'Solar local and global magnetism new challenge for long-lasting synoptic observations', [PPT](#)
  - A. Kučera, J. Rybák, P. Gömöry, V. Rušin: 'Existing solar physics facilities and data

bases at the Astronomical Institute of the Slovak Academy of Sciences', [PPT](#)

- 2013 - Kanzelhoehe Colloquium 2013, Treffen, Rakúsko, 8-10 October 2013
  - J. Ambróz, P. Gömöry, P. Habaj, J. Koza, M. Kozák, A. Kučera, P. Schwartz S. Tomczyk, S. Sewell, P. Aumiller, R. Summers, L. Sutherland, A. Watt: 'Coronal Multi-channel Polarimeter at the Lomnický Peak Observatory: CoMP-S@LSO', [PDF](#)
  - J. Rybák, P. Gömöry, R. Mačura, A. Kučera, V. Rušin, W. Pötzi, D. Baumgartner, H. Fleislich, A. Hanslmeier, A. Veronig, M. Temmer: 'The LSO/KSO H alpha prominence catalogue - status report', [PDF](#)
- 2013 - '[Synergies between ground and space based solar research](#)' - 1st SOLARNET - 3rd EAST/ATST meeting, Oslo, 5-8 August 2013
  - Koza, J., Ambroz, J., Gomory, P., Habaj, P., Kozak, M., Kucera, A., Rybak, J., Schwartz, P., Tomczyk, S., Sewell, S., Aumiller, P., Summers, R., Sutherland, L., Watt, A.: 'The CoMP-S instrument at the Lomnický Peak Observatory and possible synergy aspects with the space-born observations', [PDF](#)
- 2013 - XVI Consultations on Solar Physics, Wrocław, 22-24/05/2013:
  - J. Koza, P. Sutterlin: 'Dynamic fibrils in DOT H alpha observations'
- 2013 - 3rd International workshop on Small-scale solar and stellar magnetic fields, Bairisch
  - "Dynamics of the DOT/LaPalma G-band bright points", M. Bodnárová, D. Utz, J. Rybák – [PDF](#)
  - "Dynamic fibrils in DOT H alpha observations", J. Koza, P. Sutterlin – [PDF](#)
  - "Chromospheric evidence of a small-scale loop emerging in the quiet Sun", P. Gömöry – [PDF](#)

## Postery:

- 2015 - [2th Potsdam Thinkshop 'The Dynamic Sun - Exploring the Many Facets of Solar Eruptive Events'](#), Potsdam, (Germany), 26-29/10/2015
  - A. Kučera, S. Tomczyk, J. Ambróz, S. Sewell, J. Rybák, P. Aumiller, P. Gömöry, R. Summers, P. Habaj, L. Sutherland, J. Kavka, A. Watt, M. Kozák, P. Schwartz: 'Solar Chromospheric Detector at Lomnický Stit Observatory for Measurements of Solar Magnetic and Velocity Fields (and CoMP-S instrument)', [PDF](#)
  - P. Gömöry, H. Balthasar, C. Kuckein, A. Kučera, P. Schwartz, S. J. González Manrique, A. Hanslmeier: 'Observations of a delta-spot during an M-class flare', [PDF](#)
- 2015 - [Coimbra Solar Physics Meeting 'Ground-based Solar Observations in the Space Instrumentation Era'](#), Coimbra, (Portugal), 5-9/09/2015
  - A. Kučera, S. Tomczyk, J. Ambróz, S. Sewell, J. Rybák, P. Aumiller, P. Gömöry, R. Summers, P. Habaj, L. Sutherland, J. Kavka, A. Watt, M. Kozák, P. Schwartz: 'The CoMP-S instrument at the Lomnický Peak Observatory status report (and new SCD instrument)', [PDF](#)
  - P. Schwartz, H. Balthasar, C. Kuckein, J. Koza, P. Gömöry, J. Rybák, A. Kučera, P. Heinzel: 'Non-LTE inversion of spectropolarimetric and spectroscopic observations of a filament on 11 September 2014 at the VTT', [PDF](#)
- 2014 - AGU Fall Meeting, session SH53B "Next Generation Instrumentation in Solar and Space

Physics: Critical Measurements from Low-Cost Missions/Platforms II Posters", San Francisco, USA, 15-19/12/2014

- Ko, Y.-K., Casini, R., Fineschi, S., Gibson, S., Knoelker, M., Korendyke, C., Laming, J., McIntosh, S., Moses, D., Romoli, M., Rybák, J., Socker, D., Strachan, L., Tomczyk, S., Vourlidas, A., Wu, Q.: Waves and Magnetism in the Solar Atmosphere (WAMIS) - [PDF](#)
- 2014 - [IAU Symposium 305: 'Polarimetry: The Sun to Stars and Stellar Environments'](#), Punta Leona, Costa Rica, 30/11-05/12/2014:
  - L. Strachan, Y.-K. Ko, J. D. Moses, J. M. Laming, F. Auchere, R. Casini, S. Fineschi, S. Gibson, M. Knoelker, C. Korendyke, S. McIntosh, M. Romoli, J. Rybák, D. Socker, S. Tomczyk, A. Vourlidas, Q. Wu: 'Waves and Magnetism in the Solar Atmosphere (WAMIS)' - [PDF](#)
- 2014 - [The 14th European Solar Physics Meeting \(ESPM-14\)](#), Dublin, Ireland, 08-12/09/2014:
  - J. Koza, R. H. Hammerschlag, J. Rybák, P. Gömöry, A. Kučera, P. Schwartz: 'Transmission profile of the Dutch Open Telescope H alpha Lyot filter' - [PDF](#)
  - J. Koza, P. Sütterlin, P. Gömöry, J. Rybák, A. Kučera: 'Search for Alfvén waves in a bright network element observed in H alpha' - [PDF](#)
  - J. Koza, J. Rybák, P. Gömöry, A. Kučera: 'Inferring spectral characteristics of the H alpha spectral line observed by the Dutch Open Telescope Lyot filter' - [PDF](#)
  - J. Koza, J. Ambróz, P. Gömöry, P. Habaj, J. Kavka, M. Kozák, A. Kučera, J. Rybák, P. Schwartz, S. Tomczyk, S. Sewell, P. Aumiller, R. Summers, L. Sutherland, A. Watt: 'The CoMP-S instrument at the Lomnický Peak Observatory - status report' - [PDF](#)
  - Meszarosova, H., Karlický, M., Jelinek, P., Rybák, J.: 'Magnetoacoustic waves propagating along a dense slab and Harris current sheet' - [PDF](#)
- 2014 - Solar and Stellar Flares - Prague, Czech republic, 23-27/06/2014:
  - P. Schwartz, P. Heinzel, F. Fárník, P. Kotrc, Yu. A. Kupryakov, E. E. DeLuca, L. Golub: 'Total mass of several quiescent prominences estimated from multi-wavelength observations' - [PDF](#)
  - H. Mészárosová, M. Karlický, P. Jelínek, J. Rybák: 'Magnetoacoustic waves propagating along a density slab and Harris current sheet and their wavelet spectra' - [PDF](#)
- 2014 - ASPROPOL - Astronomical Polarimetry 2014 - Grenoble, France, 26-30/05/ 2014:
  - S. Fineschi, G. Capobianco, G. Massone, J. Rybák, J. Ambroz, M. Kozak, A. Kucera: 'CorMag - Coronal Magnetograph' - [PDF](#)
- 2013 - IAU Symposium 300 "Nature of Prominences and their role in Space Weather", Paris, 10.-14. jún 2013:
  - "Coronal multi-channel polarimeter at Lomnický Peak Observatory", P. Schwartz, J. Ambróz, P. Gömöry, P. Habaj, M. Kozák, A. Kučera, J. Rybák, S. Tomczyk, S. Sewell, P. Aumiller, R. Summers, L. Sutherland, A. Watt - [PDF](#)
  - "Statistical comparison of synthetic and observed Lyman line profiles of quiescent prominence fine structure", P. Schwartz, S. Gunár, P. Heinzel, B. Schmieder - [PDF](#)
  - P. Schwartz, P. Heinzel, F. Farník, Yu. A. Kupryakov, P. Kotrc, E. E. DeLuca, L. Golub: 'Total mass loading of prominences estimated from their multi-spectral observations' - part 1 - [PDF](#), part 2 - [PDF](#)