

Publications:

Refereed Journals:

- Gröbner, J., Kröger, I., Egli, L., **Hülsen**, G., Riechelmann, S., Sperfeld, P., The high-resolution extraterrestrial solar spectrum (QASUMEFTS) determined from ground-based solar irradiance measurements, *Atmospheric Measurement Techniques*, 10 (9), pp. 3375–3383, 2017.
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Presentations at conferences and Conference Proceedings:

- Hülsen** G., Gröbner J., Report of the 2nd International UV Filter Radiometer calibration campaign UVC-II, European Conference on Solar UV Monitoring, 2018
- Hülsen**, G., Report of the 2nd International UV Filter Radiometer calibration campaign UVC-II, Nordic Ozone and UV Group Annual Meeting, 2018
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- Swift, N., **Hülsen**, G., Nield, K., Gröbner, J., Hamlin, J., Calibration of erythemally weighted broadband instruments: A comparison between PMOD/WRC and MSL, *AIP*, 2013.
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- Lakkala, K., Arola, A., Heikkilä, A., Karhu, J., Kaurola, J., Koskela, T., Kyrö, E., Kärhä, P., Lindfors, A., Meinander, O., Gröbner, J., **Hülsen**, G., Two decades of spectral UV measurements at Sodankylä, *AIP*, 2013.
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- Hülsen, G., Rzany, A., Schaldach, M.,** Analyse der Korrelation zwischen Fibrinbildung an Biomaterialien und Elektronentransferprozessen (Analyze of the correlation between fibrin formations on biomaterials and electron transfer processes), Proceedings to the 34th meeting of the German, Austrian and Swiss association for biomedical technique, Lübeck/Germany, 2000

Others:

- Hülsen, G., Gröbner, J.,** Report of the Second International UV Filter Radiometer Calibration Campaign UVC-II, GAW Report No. 240, 2018.
- Gröbner, J., **Hülsen, G., Vuilleumier, L., Blumthaler, M., Vilaplana, J.M., Walker, D., Gill, J.E.,** Report of the PMOD/WRC-COST Calibration and Intercomparison of Erythral Radiometers, COST726 report, PMOD/WRC, 2009.
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Academic Degrees:

- Hülsen, G.,** The Pilatus 1M Detector – A Novel Large Area Pixel Detector, Doctoral Thesis ETH No. 16289, Zurich., 2005
- Hülsen, G.,** Die Aktivierung von Prothrombin und Fibrinogen an Zinndioxid durch Elektronen-transferprozesse (The activation of pro-thrombin and fibrinogen on tin-dioxide by electron transfer processes), Diploma thesis, Erlangen/Germany 2001

Public and invited Seminars:

- “Fundamentals of UV measurements”, GAWTEC 34, 34th training session, 22/23 May 2018, Environmental Research Station Schneefernerhaus, Germany.
- “Calibration of instruments measuring broadband and spectral solar UV irradiance”, 24 August 2016, Helsinki, Finland