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OBSERVATIONS AND MODELING OF STELLAR FLARES

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Abstract. We briefly review the current status of observations of stellar flares with meter-class telescopes and their relation to observations of flares on the Sun-as-a-star. Both stellar photometry and spectroscopy will be discussed. Solar and stellar flares are modeled using the methods of radiation hydrodynamics and we will make a summary of recent results.

Presentation link: `http://belissima.aob.rs/Conf2012/Heinzel_2012.pptx`