



# 11th Polish Symposium on Physics in Economy and Social Sciences

## Friday, July 2, 2021

**S4: S4 (9:00 AM - 11:00 AM)**

**-Conveners: Stanisław Drożdż**

time	[id] title	presenter
9:00 AM	[59] The `endo-exo' problem in complex systems (ecology, earthquakes, financial volatility, epileptic seizures...) and how to disentangle the long-term memory (Hurst, etc.) from time-varying trends?	SORNETTE, Didier
9:40 AM	[60] Social anatomy of a financial bubble	MANTEGNA, Rosario
10:20 AM	[55] Multiplicity of social attributes enhances Heider interactions in social triads	HOLYST, Janusz