

<i>Name:</i>	Ass. Prof. PhD Elisaveta Georgieva Marekova
<i>Educational activity:</i>	Mechanics, Molecular physics, Processing of experimental data and experiment planning - Seminar and Laboratory exercises
	Introduction to seismology, Physics of the Earth – Seminar exercises
<i>SCIENTIFIC RESEARCH:</i>	<ul style="list-style-type: none"> <li>• Investigation of properties of series of dependent and independent earthquakes</li> <li>• Analytical descriptions of spatial and temporal distribution of earthquake sequences</li> <li>• Investigation of properties of aftershock series</li> <li>• Investigation of fractal properties of seismicity</li> </ul>
<i>Participation in scientific projects:</i>	<p>- 1999-2000 University contract PU-01-Ph, Investigation of the spatial and temporal distribution of sequences of earthquakes</p> <p>- 2001-2002 University contract 01-Ph-10, Investigation of the process of attenuation process of seismicity after strong earthquakes in Upper-Thracian valley in 1928</p> <p>- 2003-2004 University contract 03-Ph-16, spatial and temporal distribution of sequences of earthquakes</p> <p>- 2007-2008 University contract 07-Ph-18, Spatial and temporal properties of seismic events. Connections to fractal appearances of seismicity</p> <p>- 2009-2010 University contract RS09-Ph-011, Analysis of seismic hazard elements through</p>

	stochastic modeling and ambient noise investigation
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