	Optimised in the second sec	Why is there need for a WP "Mode Physics"?
	Amplitude ratios and phase shifts in solar-type stars Günter Houdek University of Vienna E-mail: guenter.houdek@univie.ac.at	The understanding of the physical mechanisms which govern mode driving and damping is <i>still rudimentary</i> , but mandatory to - provide a better understanding of stellar surface effects, such
		as turbulent Reynolds stress, nonadiabaticity, granulation, magnetic effects, and in which way they affect the pulsation properties.
	Project of PLATO WP126000 : Mode Physics	<ul> <li>provide realistic descriptions of stellar oscillation properties, such as mode lifetimes, amplitudes and phases:</li> </ul>
		(i) to improve the modelling of artificial data (End-To-End simulator)
		(ii) to help target selection.
		→ Need for theoretical efforts
	PLATO Science Meeting – Berlin – February 2011	Courtesy of K. Belkacem



























