DAS applications for near-surface characterization and traffic conditions assessment Raul Cova, Heather K. Hardeman-Vooys, Da Li and Matt McDonald rjcova@ucalgary.ca

Abstract





Traffic flow monitoring

•	A dispersion spectrum was computed from DAS
	data acquired with a very inexpensive source effor-
•	Dispersion curves can be picked on the spectrum
	and used for computing S-wave velocity models.
•	Time lapse measurements of changes in Vs can be

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