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Special Session: Topological and impulsive methods for
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differential inclusions and difference equations

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Title: Second order impulsive retarded differential inclusions with nonlocal conditions

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Abstract: This is a joint research with Pierluigi Benevieri. We analyze the existence of bifurcations of solutions of second order impulsive functional differential equations with state dependent delay. The approach is topological and is based on a concept of orientation and degree for locally compact perturbations of Fredholm maps in Banach space introduced by P. Benevieri and M. Furi.