

The Vision Series

The Language of Landmines: Motivation to Remediation

Monday, February 16, 2009 at 7 pm CFTA

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Landmines are a worldwide humanitarian tragedy because of the difficulties associated with removing and disabling them after they have been emplaced during a conflict. Current efforts to detect and remove them are costly, ineffective, and slow. While most efforts focus on eliminating or reducing their future usage, detection and remediation of existing landmines remains a difficult technical problem. A new, fast, and highly effective method of landmine detection has been developed at Mason based on the use of ground penetrating radars to characterize landmines as strings. These strings form a language of mines that can be interpreted by a language recognizer. After a brief introduction of the landmine problem and elimination efforts, Dr. Hintz will explain this new approach and its use in landmine detection and removal.

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