



ΠΑΝΕΠΙΣΤΗΜΙΟ ΙΩΑΝΝΙΝΩΝ

ΤΜΗΜΑ ΜΑΘΗΜΑΤΙΚΩΝ



Εβδομαδιαίο Σεμινάριο

MONSTERS OF THE DEEP: ROGUE WAVES

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Τμήμα Μαθηματικών, Πανεπιστήμιο Ιωαννίνων

It is common for mid-ocean storm waves to reach seven meters in height, and in extreme conditions such waves can reach heights of fifteen meters. However, for centuries maritime folklore told of the existence of vastly more massive waves that could appear without warning in mid-ocean, against the prevailing current and wave direction, and often in perfectly clear weather. These waves are called rogue waves. A rogue wave is a highly localized phenomenon both in space and duration, most frequently occurring far out at sea. In the last years scientists have discovered strong evidence indicating that such massive rogue waves do exist and while the phenomenon has become the subject of recent scientific study, their origin still remains a mystery of the deep. The generating mechanisms of these waves will be the focus of this talk.

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Αίθουσα 201α Τμήματος Μαθηματικών

Μετά την ομιλία ακολουθεί καφές και συζήτηση στο εντευκτήριο του Τμήματος