國立中興大學
應用數學系 學術演講

主講人：王以晟 博士

講題：

Classification of Knotted Objects

摘要：

Knot theory studies entanglements in 3-dimensions, and among the most fun-damental issues in knot theory are classification problems of entanglements. In this talk, I will give a brief introduction to recent progress on the classification of handlebody knots and links, a generalization of classical knots. The talk will start with a historical overview of how modern knot theory came into being, and then move on to some contemporary applications of knot theory, particularly in shape reconstruction, which led to a series of joint works with G. Bellettini, G. Paolini and M. Paolini. I will talk about the classification problem considered therein and methods employed. At the end of the talk, an ongoing project on applying knot theory to time series data will be presented.

時間：109 年 12 月 3 日（四） 上午 11 時

地點：資訊科學大樓 501 室

歡迎本系所師生踴躍參加

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