



**Sevenoaks U3A Science Group  
Seminar 2018  
“Technology meets Medicine -  
Bio-Engineering & Robotics”  
Wednesday 13<sup>th</sup> June 2018  
Orchards Events Venue (EMR)  
New Road, East Malling, ME19 6BH.**

The seminar will address the topic by using experts in the field to address the following themes:

- *Robotic Medicine: Image-guided cardiac interventions and intelligent mechatronics systems for cardiac interventions and ultrasound imaging.*
- *Prosthesis control: Using the brain to control artificial limbs – known as Myoelectric Control.*
- *Haptic Mechatronics: The emergence of soft robots for medical interventions.*

***This Seminar is open to all U3A members. An optional cold buffet lunch will be available.***

**\*\*\* Book early to avoid disappointment - Numbers are limited \*\*\***

**Programme**

09:30 Registration & Coffee/Tea

10:00 Welcome and Overview - Sevenoaks U3A

**Speakers**

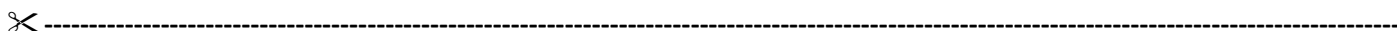
		<u>Topic</u>
1. Prof. Kawal Rhode	Professor of Image Processing, King’s College, London	Image Guided Robotic Medicine
2. Dr. Ernest Kamavuako	Senior Lecturer in Engineering, King’s College, London	Myoelectric Prosthesis Control
3. Dr. Hongbin Liu	Senior Lecturer in Informatics (Robotics), Director of the Haptic Mechatronics and Medical Robotics Laboratory, King’s College, London	The Emergence of Soft Robots for Medical Interventions

13:45 Lunch (Optional)

Applications by 18<sup>th</sup> May to: **Ann Andrews, 39 Brittain Lane, Sevenoaks, Kent, TN13 2JW.**

[scienceday@sevenoaksu3a.org.uk](mailto:scienceday@sevenoaksu3a.org.uk)

Tel: 07881 944319



**Science Seminar: Wednesday 13<sup>th</sup> June 2018 at the Orchards Events Venue,  
East Malling Research, New Road, East Malling, ME19 6BH.**

***Optional cold buffet lunch (with vegetarian options) available at £8.50 per head.***

Please reserve \_\_\_\_\_ places at **£16.00** each (NO lunch) and/or

Please reserve \_\_\_\_\_ places at **£24.50** each INCLUDING lunch

Vegetarian option (number): \_\_\_\_\_

I enclose a cheque for £ .....
Payable to “Sevenoaks U3A Science Committee”

Please add special dietary requirements here: .....

Name/s: ..... Tel: .....

(BLOCK CAPITALS) .....

Email address: ..... Your U3A: .....

Note: Receipts and further information will be issued by Email only.

**If you do not have email, please provide Full Postal Address with SAE.**