

**Seminar name: Mathematical Modelling Seminar****Year: 2019/20**

<b>Date</b>	<b>Time/place</b>	<b>Speaker</b>	<b>Title</b>
2 <sup>nd</sup> October 2019	14:00/Schofield Building (SCH.0.01)	Ashok Arya (Mumbai BARC)	Computational thermodynamics of alloys
10 <sup>th</sup> October 2019	14:00/Haslegrave Building (N.1.12)	Iain Brown	Pseudo potential fitting from ab initio data
17 <sup>th</sup> October 2019	14:00/Schofield Building (SCH.0.01)	Alberto Scacchi (Loughborough)	A route to forming quasicrystals
24 <sup>th</sup> October 2019	14:00/Haslegrave Building (N.1.12)	Wen-Feng Lin	Electrocatalysis for fuel cell applications: Combined studies of electrochemistry and DFT modelling
31 <sup>st</sup> October 2019	14:00/Haslegrave Building (N.1.12)	Ana da Silva (Nottingham)	To stick or not to stick: Importance of chemistry and topography for bacterial biofilm formation
7 <sup>th</sup> November 2019	14:00/Schofield Building (SCH.0.01)	Jamie Christie	Nanoheterogeneity in fluoridated bioactive glass
14 <sup>th</sup> November 2019	14:00/Schofield Building (SCH.0.01)	Dan Ratliff	Are Lengthscales Enough? Pattern Selection in Soft Matter
21 <sup>st</sup> November 2019	14:00/Schofield Building (SCH.0.01)	László Gránásy (Wigner Research Centre for Physics, Budapest, Hungary)	Phase-field Modelling of Biomineralization?
5 <sup>th</sup> December 2019	14:00/Schofield Building (SCH.0.01)	Juliet Ojiako (Loughborough)	Maths Modelling Seminar: Gas-plasma jet interaction with liquids: modelling and experiments