

How to engage with SofTMech

Xiaoyu Luo

- ❖ SofTMech Consortium (15 staff, 5 RAs, 8 PhDs)
- ❖ Dialogues with Clinicians (one tomorrow)
- ❖ Time table of other major events
- ❖ SofTMech website (www.softmech.org) – become a member
Member Benefits: immediate access to our latest research results, events and e-news, registration discount, apply for pump-priming funding
- ❖ How to apply for funding

IDEAS

THE INITIATIVE FOR DIALOGUE

BETWEEN CLINICIANS & MODELLERS



Dialogue on Heart Failure

22 April, 2016 @ University Glasgow, UK

This dialogue aims to identify some crucial challenges in the area of heart failure and diseases for the next 20 years as seen by clinicians today, which may be tractable to a mathematical modelling approach. Starting with some review-type talks by the lead speakers, we wish to have a lively dialogue between clinicians and modellers, and agree on a list of important problems; some may be addressed in the short term, and some will require longer term, large scale, funding. These problems will be published at the POEMS/SofTMech websites to help the community to develop new research proposals and forge new collaborations. All participants will be expected to contribute to the discussion, and are welcome to bring a one-page brief (mini-poster) to introduce their own expertise. It is also expected that all participants will submit a short description on what they perceive as a particular challenge/problem from this workshop.

Lead speakers

Prof. Darrel Francis (Imperial College, UK)
Prof. Colin Berry (University of Glasgow, UK)
Mr. Mark Danton (Golden Jubilee Hospital, UK)
Prof. Fritz Prinzen (Maastricht University, Netherlands)
Prof. Gernot Plank (Medical University of Graz, Austria)
Dr. Steve Niederer (Kings College London, UK)
Prof. Einar Heiberg (Lund University, Sweden)

Registration is now open for interested modellers & clinicians to join the dialogue. Lunch/tea/coffee will be provided for free of charge. There is no registration fee, and we will provide a contribution to travel costs of up to £100 for a limited number of attendees (on the first come first serve basis). The attendees are expected to sort out their own accommodation, and a range of hotels near the University can be found [here](#). To register and apply for travel support, please e-mail Joanne Suter (poems-admin@sheffield.ac.uk).

EPSRC

Engineering and Physical Sciences
Research Council

IDEAS events are funded by [POEMS](#) and [SoftMech](#)
Academic contact: Prof. Xiaoyu Luo (xiaoyu.luo@glasgow.ac.uk)

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Date	SoftMech Events	Organiser	Details/Location
April 2016	Launch event 21 st April 2016 Launch Event.	SoftMech	Glasgow
April 2016	22nd April, 2016 Dialogue with clinicians – Heart Failure	SoftMech/PEOMS	Glasgow (Luo, Chen, Maini)
Apr 2016	26 th April, 2016 Computational modelling in healthcare: Making confident predictions in a world of error and uncertainty	SoftMech/PEOMS	Glasgow (McGinty)
May 2016	Insigneo showcase (6 May, 2016)	Insigneo	SoftMech stand (Watton/Gao)
Jun 2016	San Antonio Breast Cancer Symposium See	External organiser.	SoftMech to organise mini-symposium
Jun 2016	British Cardiovascular Society Annual meeting, 6-8 June 2016 See	BCS/SoftMech	Glasgow (Berry)
Jul 2016	7th Graz Summer School 4-8, July, 2016	GUT/SoftMech	Graz (Holzafel/Ogden)
2016	Dialogue with industries	SoftMech	Glasgow (Nisbet)
Sep 2016	PhD/RA training week	SoftMech/CMALS	Glasgow (McGinty, Luo, Husmeier)
Oct 2016	BAMC British Applied Mathematics Colloquium	External organiser.	SoftMech to organize minisymposium(Chaplain)
Dec 2016	San Antonio Breast Cancer Symposium	External organiser.	SoftMech to organize minisymposium (Chaplian)
Jan 2017	Dialogue with clinicians – Cancer	POEMS/SoftMech	TBA (Chen, Maini, Luo)
Apr 2017	CMBE17 10-12 April, 2017 (Pittsburgh, USA)	External organiser	SoftMech to organize minisymposium(Watton)
Jun 2017	Major SoftMech Workshop No1 7-9 June 2016	SoftMech	3 rd Glasgow soft tissue workshop (Luo)
May 2018	Major SoftMech Workshop No2	SoftMech INSIGNEO	Sheffield (Watton)
Jun 2018	World Congress of Biomechanics (Dublin in 2018) See	External organiser	SoftMech to organize mini-symposium
Jul 2018	ICIAM 15-19 July Valencia Spain see	External organiser.	SoftMech to organize mini-symposium
June 2019	Major SoftMech Workshop No3	SoftMech	4 th Glasgow soft tissue workshop (Luo)
2020	Major SoftMech Workshop No4	SoftMech	St Andrews (Chaplain)



SOFT TISSUE MODELLING WORKSHOP June 7-9, 2017 @Glasgow

Following the successful Glasgow Soft Tissue Modelling Workshops in 2012 and 2015, this 3rd workshop will continue the lively research forum on the most recent advances in the field of soft tissue mechanics, with particular focus on multiscale modelling applied to heart and cancer. The workshop is supported by the EPSRC centre of SoftMech, and will engage both modellers and clinicians in the area.

Plenary Speakers

RW Ogden, FRS, UK

G Holzapfel, Austria

J Humphrey, USA

J Guccione, USA

M Chaplain, UK

AM Thompson, FRCSEd, USA

Organizing committee:

Xiaoyu Luo, Nick Hill, David Nisbet, Chanel Mcisaac,
Radostin Simitev, Hao Gao, William Parnell

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SofTMech Funding

Feasibility Fund (total £80,000):

- How to apply: submit outline proposal (up to two sides A4)
- Funding amount: £500 - £10,000
- Requirement: SofTMech ideas leading to new projects and further funding

New Collaboration Fund (total £15,000):

- How to apply: submit brief application (up to one side A4)
- Funding amount: normally £100 – £1500
- Requirement: Collaboration with SofTMech