


Bio-inspired Robotics

at Aberystwyth



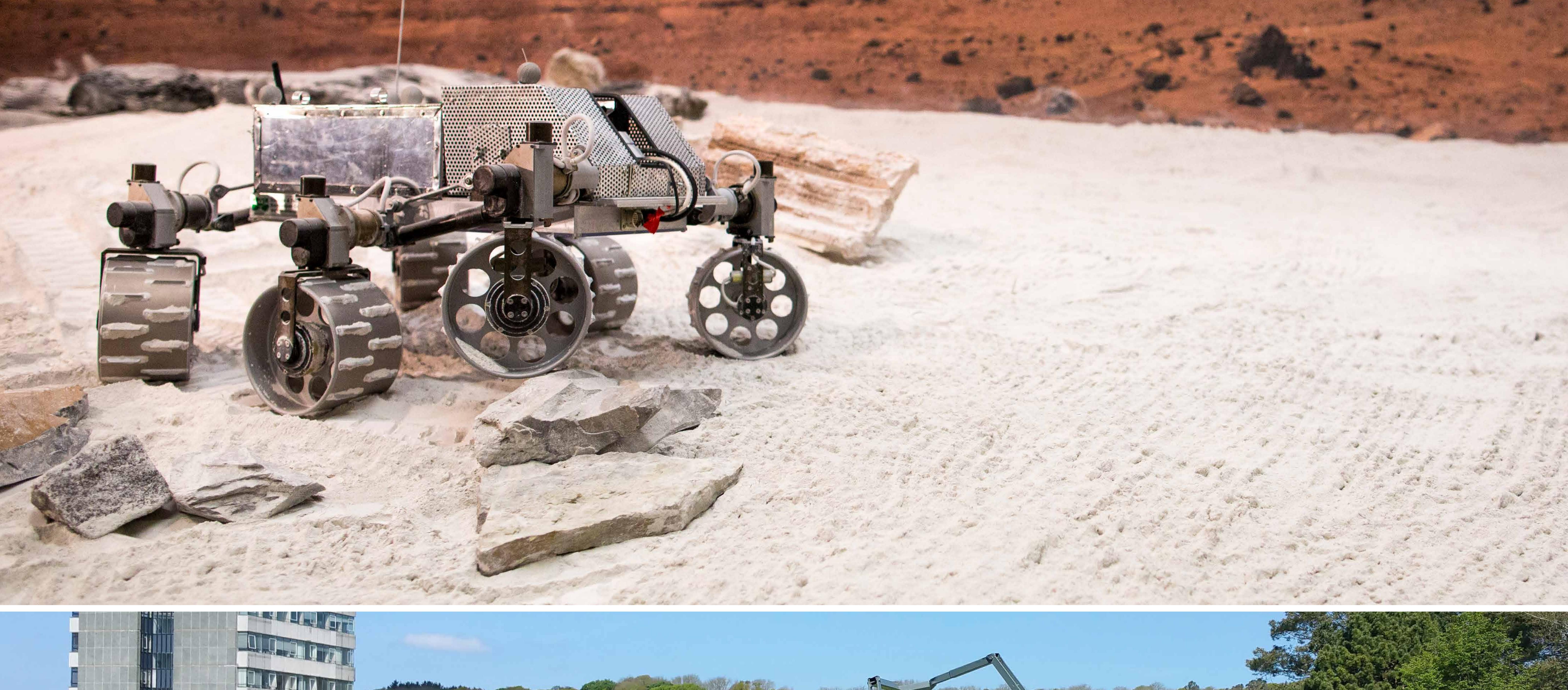
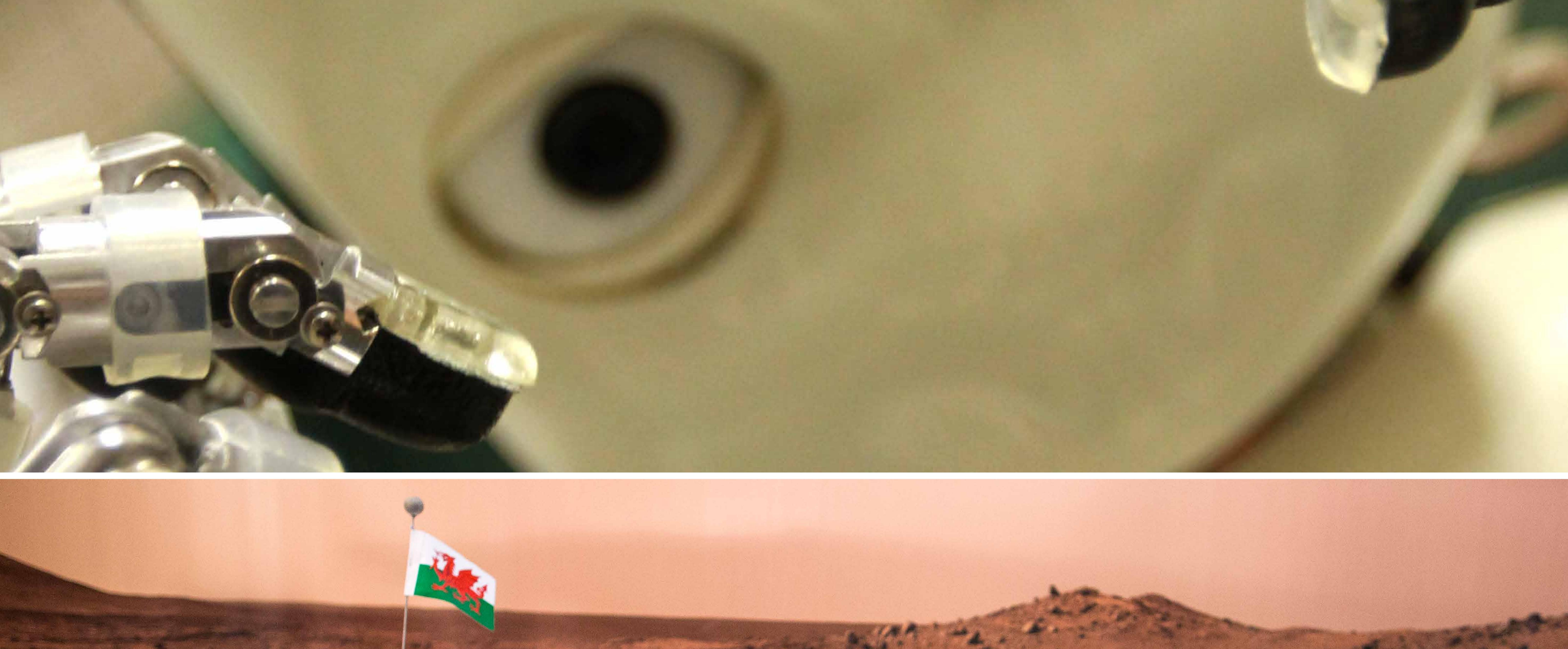
For further information contact:
Department of Computer Science,
Llandinam Building,
Penglais Campus,
Aberystwyth University,
SY23 3DB

Tel: 01970 622424

Email: cs-robotics@aber.ac.uk

Roboteg Deallus

yn Aberystwyth



Am fwy o wybodaeth:

Yr Adran Gyfrifiadureg,
Adeilad Llandinam,
Prifysgol Aberystwyth,
Ceredigion,
SY23 3DB

Ffôn: 01970 622424

Ebost: cs-robotics@aber.ac.uk

Crwydryn ExoMars Rover ESA/Roscosmos

Bydd taith ESA/Roscosmos ExoMars 2020 yn rhoi crwydryn archwilio ar arwyneb y blaned Mawrth i chwilio am dystiolaeth o fywyd, yn y presennol neu'r gorffennol.

Mae gan ExoMars gyfres o offerynnau gwyddonol o'r enw gyfres Pasteur. Mae Prifysgol Aberystwyth yn aelodau o dri thîm offeryn:

PanCam - system o dri chamera gwyddonol ar gyfer mapio tirwedd ddigidol.

Dan arweiniad: Mullard Space Science Laboratory UCL, y DU

ISEM - sbectromedr is-goch a fydd yn asesu mwynoleg o dargedau.

Dan arweiniad: Space Research Institute, Rwsia

CLUPI - gamera cydraniad uchel ar gyfer lluniau agos.

Dan arweiniad: Space Exploration Institute, y Swistir

Am fwy o wybodaeth, ymwelwch â: exomars.cymru

The ESA/Roscosmos 2020 mission will put an exploratory rover on the surface of Mars to search for evidence of life, past or present.

ExoMars has a suite of scientific instruments called the Pasteur payload. Aberystwyth University are members of three instrument teams:

PanCam - a system of three scientific cameras for digital terrain mapping.

Led by: UCL's Mullard Space Science Laboratory, UK

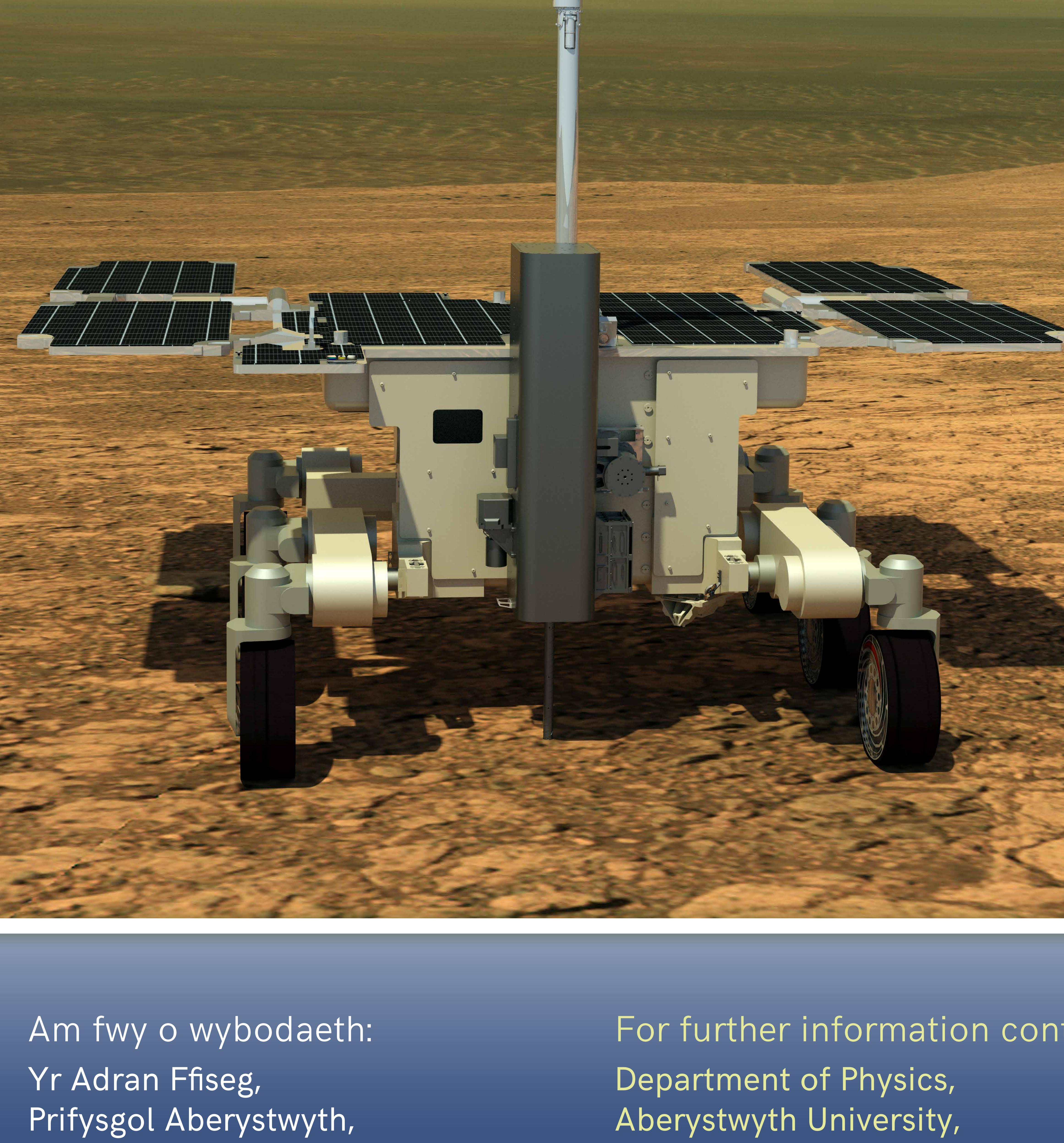
ISEM - an infrared spectrometer that will assess mineralogy of targets.

Led by: Space Research Institute, Russia

CLUPI - a high-resolution camera for close up images.

Led by: Space Exploration Institute, Switzerland

For more information, go to: exomars.wales



Am fwy o wybodaeth:

Yr Adran Ffiseg,
Prifysgol Aberystwyth,
Penglais, Aberystwyth,
Ceredigion, SY23 3BZ

Ffôn: 01970 622802

Ebost: phys@aber.ac.uk

For further information contact:

Department of Physics,
Aberystwyth University,
Penglais, Aberystwyth,
Ceredigion, SY23 3BZ

Tel: 01970 622802

Email: phys@aber.ac.uk

ExoMars ym Mhrifysgol Aberystwyth

ExoMars at Aberystwyth University

Bydd taith **ESA/Roscosmos ExoMars 2020** yn rhoi crwydryn archwilio ar arwyneb y blaned Mawrth i chwilio am dystiolaeth o fywyd, yn y presennol neu'r gorffennol.

Mae **PanCam** yn system o dri chamera gwyddonol, dan arweiniad Mullard Space Science Laboratory, UCL. Mae Prifysgol Aberystwyth yn rhan o'r Tîm PanCam, yn dylunio a chynhyrchu offerynnau i PanCam ac efelychu'r hyn y bydd yn ei weld.

Bydd y **Targed Graddnodi PanCam** yn galluogi gwyddonwyr i gael lluniau o Fawrth gyda'r lliwiau cywir.

Bydd y **Drych Arolygu Crwydryn** yn caniatâu PanCam i weld o dan y crwydryn a diwedd y dril.

Mae'r **Marwyr Sylfaenol** ar gyfer cyfeirio geometrig.

Am fwy o wybodaeth, ymwelwch â:
exomars.wales

The **ESA/Roscosmos ExoMars 2020** mission will put an exploratory rover on the surface of Mars to search for evidence of life, past or present.

PanCam is a system of three scientific cameras, led by Mullard Space Science Laboratory, UCL. Aberystwyth University are part of the PanCam Team, designing and manufacturing instruments for PanCam and simulating what it will see.

The **PanCam Calibration Target** will enable scientists to obtain accurate colour images of Mars.

The **Rover Inspection Mirror** will allow PanCam to see under the rover and the end of the drill.

The **Fiducial Markers** are for geometric reference.

For more information, go to:
exomars.wales



Am fwy o wybodaeth:

Yr Adran Ffiseg,
Prifysgol Aberystwyth,
Penglais, Aberystwyth,
Ceredigion, SY23 3BZ

Ffôn: 01970 6228

Ebost: phys@aber.ac.uk

For further information contact:

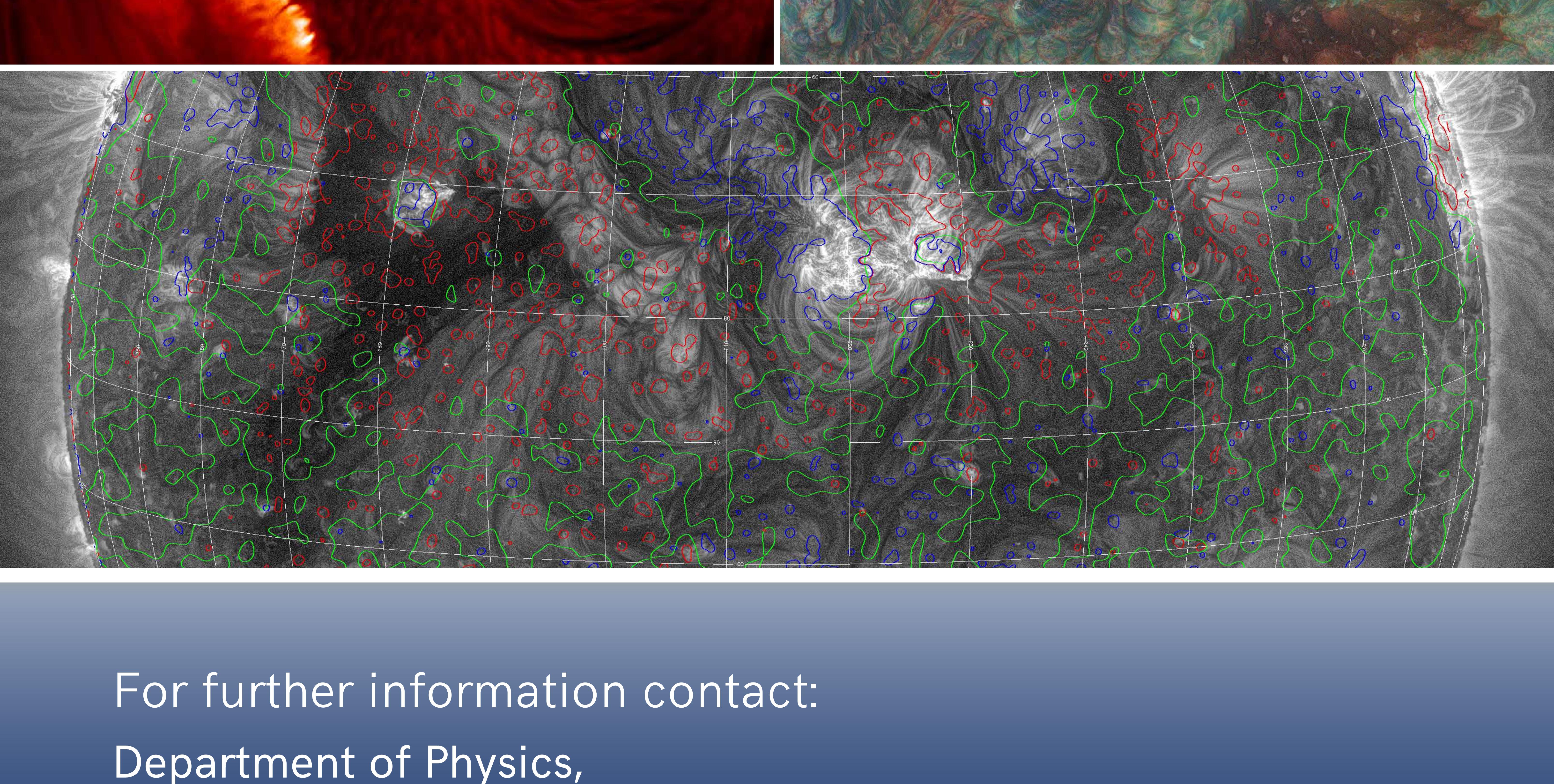
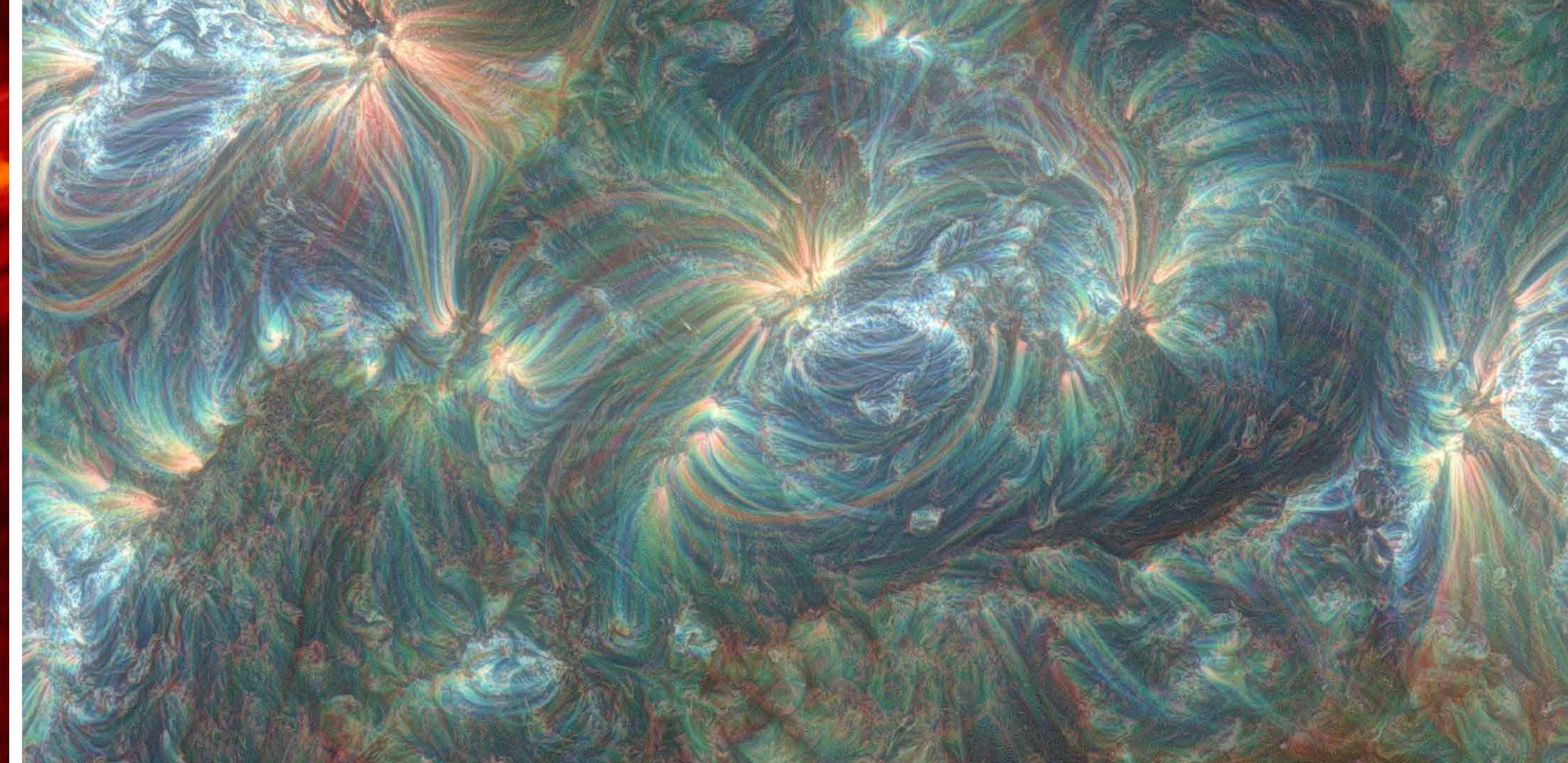
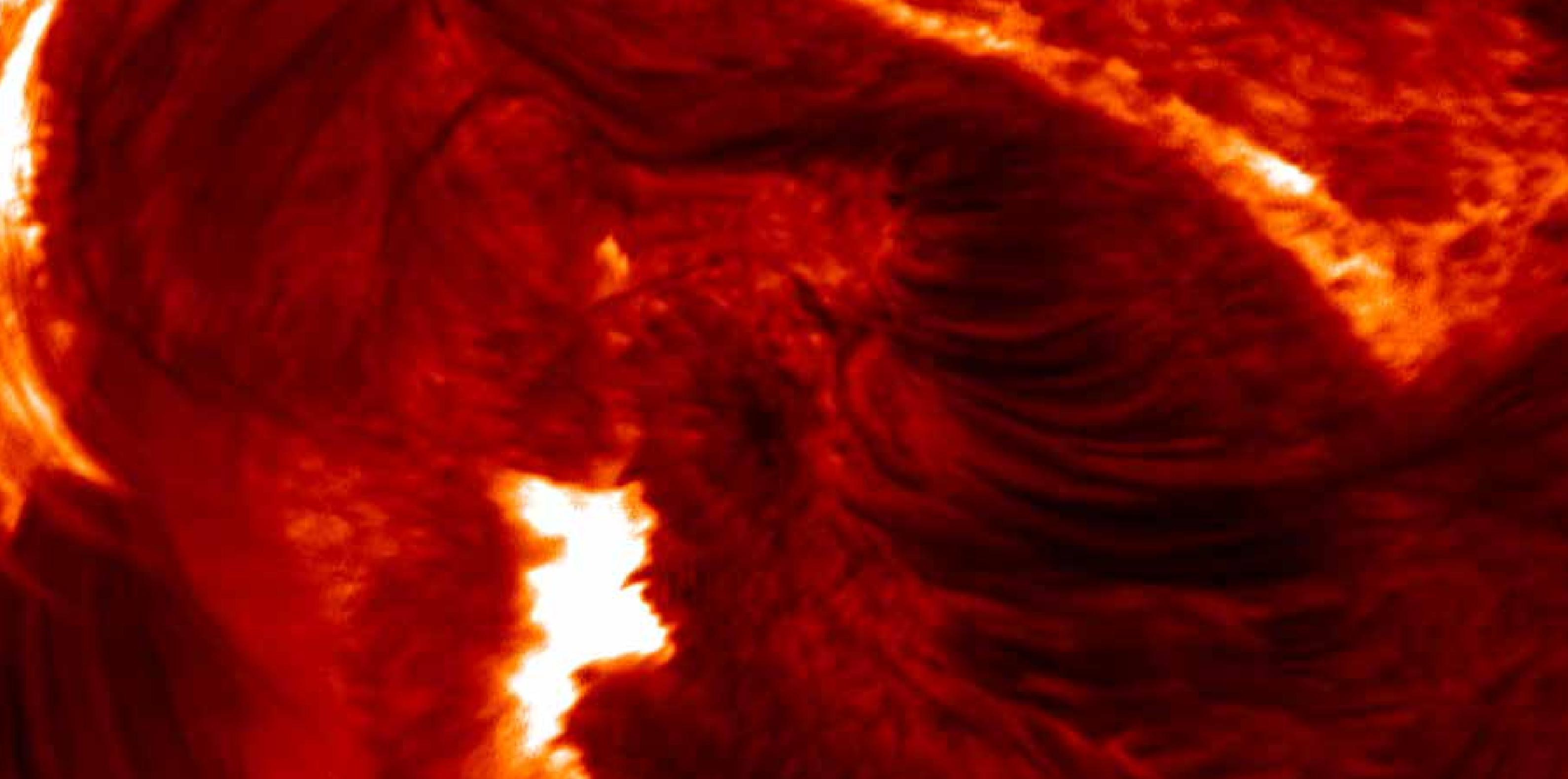
Department of Physics,
Aberystwyth University,
Penglais, Aberystwyth,
Ceredigion, SY23 3BZ

Tel: 01970 622802

Email: phys@aber.ac.uk

Solar Systems Physics

at Aberystwyth

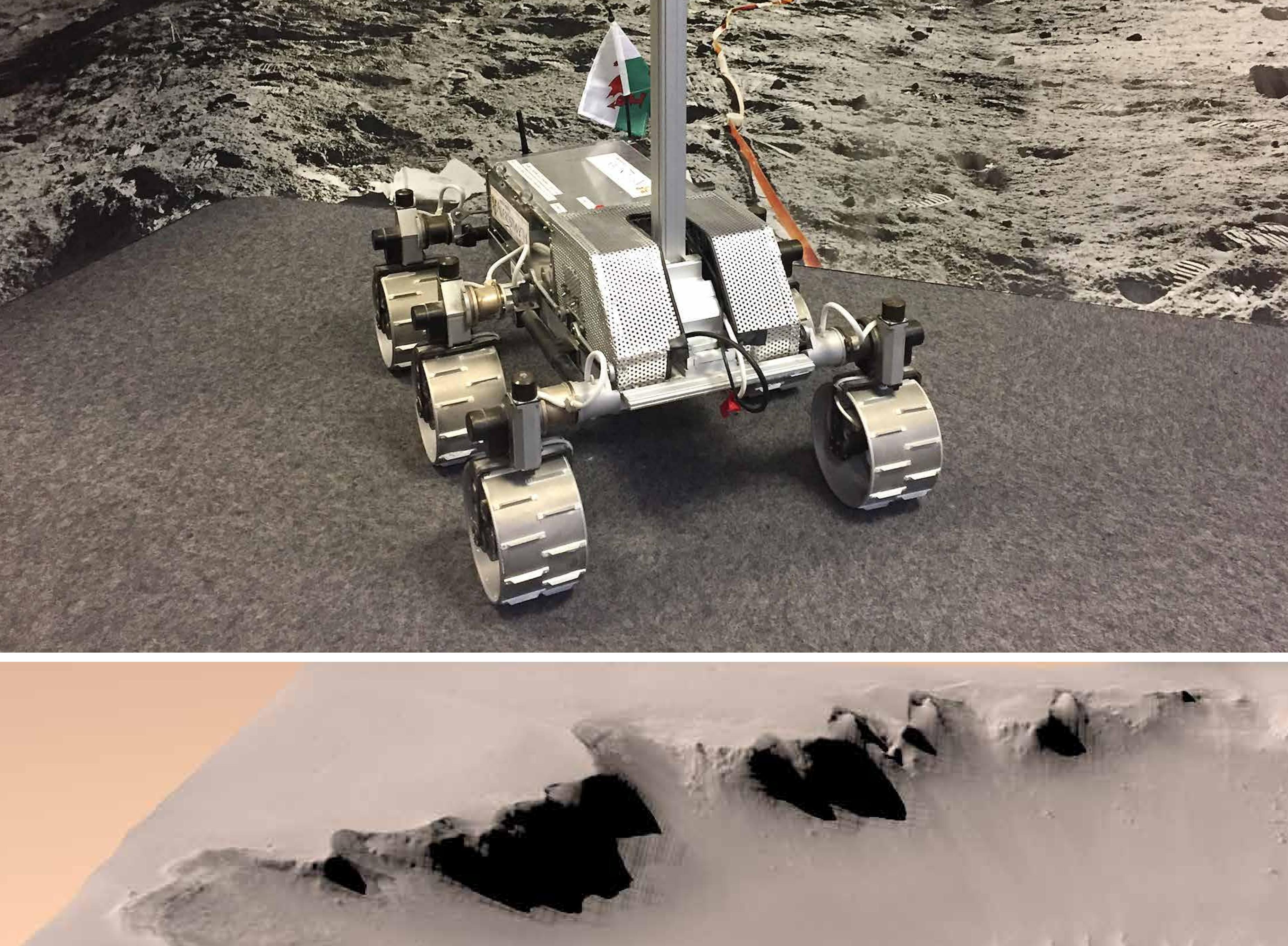


For further information contact:

Department of Physics,
Aberystwyth University,
Penglais, Aberystwyth,
Ceredigion,
SY23 3BZ

Tel: 01970 622802
Email: phys@aber.ac.uk

Space Robotics at Aberystwyth



For further information contact:
Department of Computer Science,
Llandinam Building,
Penglais Campus,
Aberystwyth University,
SY23 3DB

Tel: 01970 622424
Email: cs-robotics@aber.ac.uk