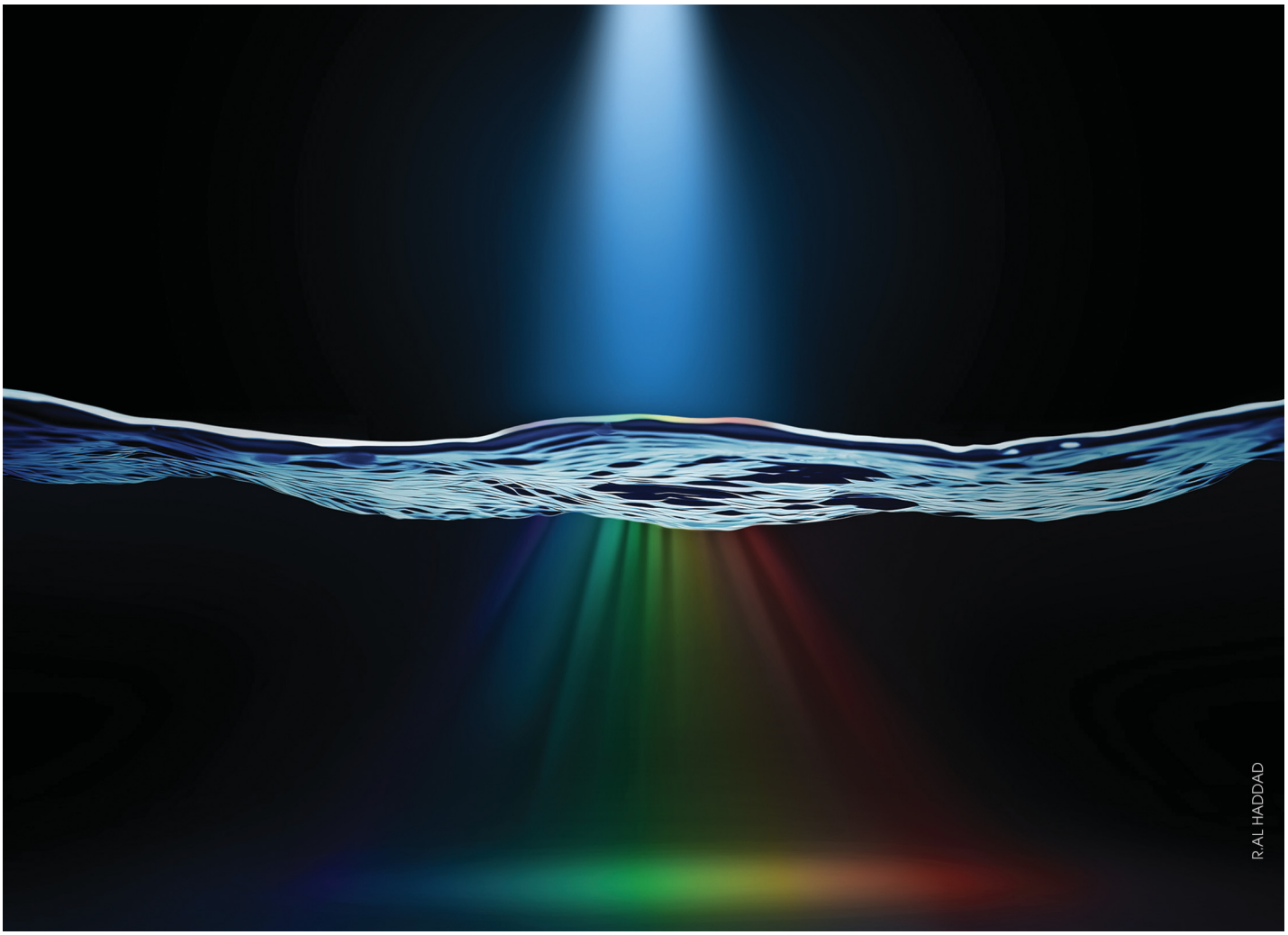

ROYAL SOCIETY
OF CHEMISTRY
Environmental Science: Atmospheres
GOLD
OPEN
ACCESS
Connecting communities and inspiring new ideas
rsc.li/submittoEA
Fundamental questions
Elemental answers
Registered charity number: 207890



Showcasing research from the Laboratory for Synchrotron Radiation and Femtochemistry at the Paul Scherrer Institute in Switzerland and from the SLAC National Laboratory in the USA.

Ultrathin liquid sheets: water gets in shape for VUV absorption

This work introduces nanometer-thin free-flowing liquid sheets as a novel platform for VUV absorption spectroscopy, enabling measurements in transmission geometry. This approach overcomes the limitations of traditional methods. This framework advances VUV spectroscopy, providing insights into molecular structure and bonding with opportunities to explore solvation and reaction dynamics in liquid.

Cover designed by Robert Al Haddad.

Image reproduced by permission of Andre Al Haddad from *Phys. Chem. Chem. Phys.*, 2025, **27**, 6457.

As featured in:

See Andras Bodi, Andre Al Haddad *et al.*, *Phys. Chem. Chem. Phys.*, 2025, **27**, 6457.

ROYAL SOCIETY OF CHEMISTRY

rsc.li/pccp

Registered charity number: 207890

PCCP Owner Societies