|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| https://gallery.mailchimp.com/7b2a048dc0e2c3cffcd6d48bc/images/b7bbbf74-e8d8-4c6d-a3a5-69b948fa1aee.jpg |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| March 2018 newsletter |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| https://gallery.mailchimp.com/7b2a048dc0e2c3cffcd6d48bc/images/2308c627-7f7c-47a0-825e-8ddbf129135b.jpg |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| https://gallery.mailchimp.com/7b2a048dc0e2c3cffcd6d48bc/images/90baba68-e6fe-4fd9-909a-4c277d2f9a49.jpg |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| Prof Pat Quilty (pictured above) will present**Some highlights of Tasmania in Antarctic historyScott (why Scott?) and others**Meeting Room, QVMAG at Inveresk1.15 pm Sunday 25th March 2018The lecture will commence at 1.30pm following the Annual General Meeting |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| Tasmania has a long and distinguished history in Antarctic exploration - Ross, Dumont d’Urville, Borchgrevinck, Mawson as examples. But there is so much more that needs to be advertised. While Scott did not come to Tasmania, we have a surprising and deep association with his expeditions. In the early days (1820-1830s) famous explorers all came here, often at the same time. And we sent one of our own to the sealing grounds - to be expanded.During 1981-1999, Prof. Quilty was Chief Scientist for the Australian Antarctic Division and ANARE. He is a West Australian, and primarily a palaeontologist who first ventured to Eastern Ellsworth Land, Antarctica with the University of Wisconsin in 1965/66, visited Macquarie Island in 1968 with a party that identified the island as a unique piece of uplifted oceanic crust and discovered fossil whales and dolphins at Marine Plain near Davis, the only site to provide fossil vertebrates since Antarctica became glaciated 34 million years ago. He has published over 200 scientific papers, is a regular commentator on Antarctic issues, has worked in industry and academia and participated in many marine research cruises. His awards include Member of the Order of Australia (AM), U.S. Antarctica Service Medal, Inaugural Distinguished Alumnus of the University of Tasmania Medal, Royal Society of Tasmania Medal and the Phillip Law Medal of the ANARE Club. Two Antarctic geographic features and five fossil species are named in his honour. |

 |

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| https://gallery.mailchimp.com/7b2a048dc0e2c3cffcd6d48bc/images/787ecf74-4453-436d-9591-97551f6edf8f.jpg |

|  |
| --- |
| GENEROUSLY SUPPORTS THE PRESENTATION OF THIS LECTURE |

 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |
| --- |
| https://gallery.mailchimp.com/7b2a048dc0e2c3cffcd6d48bc/images/c7c2b9cc-bc19-4142-86bc-0223a00c27a4.jpg |
| **Prof Michael Breadmore (pictured above) will present****Chemical answers now – safer food, water and environment through chemistry on a chip**Tuesday April 10 @8 pm Royal Society Room, TMAGThe development of smart phones and smart watches and our always-connected lifestyle has meant that we are able to obtain information about a myriad of things in an instant of a second.  You can find out where the closest restaurant is, get directions from your current location, and even an estimation of the calorific value of the food by taking a photo.  But it can’t tell you whether the fish on your plate is safe to eat, nor whether the water is safe to drink.  To do this, we need an entirely new generation of sensors, that requires transferring the measurement from the lab out into our life.  Over the past 20 years, Professor Breadmore has focused on simplifying the chemical processes involved in such measurements for therapeutics, pollutants and explosives, and the ways in which this type of technology can be made to increase the likelihood of commercial uptake and the development of products.  It is a long path, with many remaining challenges and problems to solve, but sometime in our lifetimes, there will be something to measure what you want to know right now.Professor Michael Breadmore was born and educated in Tasmania, graduating from the University of Tasmania with a PhD in analytical chemistry in 2001 before spending 3 years undertaking postdoctoral research in the US (University of Virginia), Switzerland (University of Bern) and the United Kingdom (deltaDOT).  He returned to Australia and Tasmania as an ARC Postdoctoral fellow (2004-2008) which led to an ARC QEII Fellowship (2009-2013) and an ARC Fellowship (2014-2017), all within the Australian Centre for Research on Separation Science (ACROSS).  He has made significant contributions to the field of analytical chemistry over the past 20 years to simplify the design and fabrication of portable analytical technology and applying these to challenging current and emerging analytical problems facing society.  |

 |

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| **Toward reconciliation with Tasmanian Aboriginal people**The Council of the RST has long-noted that its past treatment of Tasmanian Aboriginals needs to be addressed in some way. This terrible past has a legacy of a poor reputation of the RST amongst many indigenous and other people today. Since 2017, the Council has been working toward a formal apology (among other measures) to move our relationship from the negative toward the positive. We have had encouraging first discussions with some community groups but more is needed in the coming months. The Council has now commissioned a report to cover the breadth of issues that we should consider in preparing an apology. The final report, following appropriate consultation, is intended to be made public. We hope that 2018, the commencement of our 175th year, will mark a major turning point in these relationships. |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| TMAG talks |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| https://gallery.mailchimp.com/7b2a048dc0e2c3cffcd6d48bc/images/900a8dae-0605-4a39-ade9-65d1b7339145.jpg |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
| FRIENDLY REMINDER 2018 SUBSCRIPTIONS ARE DUEPlease renew your membership to the Society for 2018 at https://rst.org.au/product/membership/, by phoning 6165 7014 on Wednesdays between 9.30-1.30 pm or by mailing to GPO Box 1166, Hobart TAS 7001 |

 |

 |

 |
|

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| HELP THE ROYAL SOCIETY OF TASMANIADonate on our website, over the phone or by mail.  |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| KEEP IN TOUCH |

 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| https://cdn-images.mailchimp.com/icons/social-block-v2/color-facebook-48.png | [F O L L O W on F A C E B O O K RoyalSocietyTas](https://us15.admin.mailchimp.com/templates/www.facebook.com/RoyalSocietyTas/) |

|  |  |
| --- | --- |
| https://cdn-images.mailchimp.com/icons/social-block-v2/color-twitter-48.png | [F O L L O W on T W I T T E R @RoyalSocTas](http://www.twitter.com/RoyalSocTas) |

 |

 |

 |

 |

|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |

 |

 |

 |

 |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| *Copyright © 2018 The Royal Society of Tasmania, All rights reserved.*ABN 65 889 598 100**Our mailing address is:**GPO Box 1166Hobart TAS 7001**Our office location is:**19 Davey StreetHobart TAS 7000Office hours: Wednesdays 9.30 am - 1.30 pm, welcome to drop in!+61 3 6165 7014Thank you for reading!  |

 |

 |

 |

 |

 |