

THURSDAY APRIL 11

REGISTRATION – OPEN FROM 11.00

[DELEGATES MAKE OWN ARRANGEMENTS FOR LUNCH]

WELCOME – 12.45 – 1.00

SESSION A – 1.00 – 2.30

Panel 1 – Periodical Medicine

Jessica Evans

The “Vitality Debate”, Richard Carlile, and Freedom of Speech

Alice Rowe

“A disorder of the will”: Addiction and Its Treatments in Nineteenth-century Periodicals

Martin Willis

The Episodic Body: Television Medical Drama and The Lancet’s Case Reports

Panel 2 – Victorian Science and the Supernatural

Franziska E. Kohlt

Two worlds, so strangely one, yet so unmeasurably wide apart: H.G. Wells’s and George MacDonald’s neurological adventures in wonderland

Laura E. Ludtke

Electric lights, new mesmerism, and the spectacle of science in Richard Marsh’s *The Beetle*

Helena Ifill

Modern medicine and the creation of the human vampires in ‘Good Lady Duwayne’

Panel 3 – Neurology

Susie Christensen

“What a weathercock of sensibility I am!”: Recording Sensations with Virginia Woolf and Henry Head

Romén Reyes-Peschl

Science as a quest: Don Quijote, Neuroscience and the Interrogation of Truth

Peter Garratt

Beyond Brainhood: Critical Neuroscience and the Literary

SESSION B – 2.30 – 4.00

Panel 4 – Medical Gothic

Allyson Purcell-Davis

Frankenstein and the hybrid embryo: The object of scientific experimentation

Anthony Mandal

Medical monstrosities and monstrous medicine in late-Victorian periodical fiction

Michael Wainwright
The lair of the white: Stoker's literal projection of a helminthic nightmare

Panel 5 – Reading Forms of Physics

Marie Banfield
Hopkins, Heisenberg and Heraclitus: "That nature is a Heraclitean fire and of the comfort of the resurrection"

Christopher Norris
William Empson: poetry, criticism and the new physics

Julia Jordan
Beckett's Atoms

Panel 6 – Mathematics

Derek Ball
A sense of proportion: Mathematics in George Eliot's realism

Loveday Kempthorne
Czeslaw Milosz and Zbigniew Herbert: Literary responses to non-Euclidean geometry

Alice Bamford
Chalk and the architrave: Architectural metaphors in prose mathematics

BREAK 4.00 – 4.30

SESSION C – 4.30 – 6.00

Panel 7 – Molecules and Genes

Rachel Crossland
Crowds of molecules, crowds as molecules: Writing the mass in the early twentieth century

Aline Ferreira
Thinking through the genes: The iconography of chromosomes in Harry Mulisch's *The Procedure* (1998) and Richard Powers's *Generosity: An Enhancement* (2009)

Clare Hanson
Reconfiguring Inheritance: *Red Dust Road* as a post-genomic text

Panel 8 – Science Fictions

Mauro Spicci
Fantastic voyages into the human body: from Robert Underwood (1605) to Isaac Asimov (1966)

Michelle K. Yost
Beyond *Symzonia*: The science of the hollow earth in nineteenth century literature

Will Tattersdill
Material means for metaphorical ends: Studying periodicals to alter the terms of the literature/science divide

Panel 9 – Philosophies of Literature and Science

Cassandra Gorman

Science and fiction or science fiction? Margaret Cavendish, aesthetics and material philosophy

John Holmes

Reading the pre-Raphaelites in the Fortnightly Review

George Darby

Representing Indeterminacy in Science and Literature

FIRST PLENARY – 6.00 – 7.30

Thomas Dixon

[EVENING FREE FOR TRIP TO CARDIFF BAY AND DINNER]

FRIDAY APRIL 12

SESSION D – 9.00 – 10.30

Panel 10 – Public Health and Hygiene

Debolina Dey

Pathological Poverty: From poor law to public health

Claire Furlong

Health advice for the millions: Popular nineteenth-century periodicals and the making of good health

Gavin Budge

Mental hygiene, modernism and the therapeutic origins of English studies

Panel 11 – Literature and Science Beyond the Borders of Britain

George N. Vlahakis

Literature and Science in nineteenth-century Greece

Lillian Helle

The narrativization of science as a countercultural discourse in Mikhail Bulgakov's *A Dog's Heart*

Victoria Carpenter

"A dark and lonely tunnel": Time travel in *El túnel* (1948) by Ernesto Sábato

Panel 12 – Romantic Science

Vanessa Smith

"Not a Proper Sample": Specimens of global humanity in 1770s London

Greg Tate

Wordsworth and Davy in two minds: Emotion and reason in romantic poetry and science

Sharon Ruston

Humphry Davy's recreational drug use and Thomas De Quincey's medical research

BREAK 10.30 – 11.00

SESSION E – 11.00 – 12.45

Panel 13 – Science and Medicine in Charles Dickens

Kate Gazzard

The cyclical nature of memory: Lesions, channels and physical symptoms in Dickens's work

Neil MacFarlane

Benjamin Franklin on fire, fog and smoke, and Krook's death in *Bleak House*

Kalika A. Sands

Foreign Airs: Charles Dickens, Little Dorrit, and the artificial climates of London

Barri J. Gold

Sustaining Walworth: The ins and outs of Dickensian ecosystems

Panel 14 – Approaches to Literature and Technology

Greg Lynall

Under pressure: pneumatics, fanatics, and satiric mechanics

Courtney Salvey

Metaphor, literature, and machines in early-nineteenth-century Britain

Nicole Bush

“Something in motion”: Victorian literature, visual technology, and the phenomenology of process

Jim Mussell

Lodged in the archive: Physics, paperwork and the ether

Panel 15 – Transformations of the Field

Jeff Wallace

Wonder, science and the posthumanities

Erica Moore

Responding to intersections between ‘literature’ and ‘science’

Meegan Kennedy

More than a handmaiden: literature and science as transdisciplinary collaboration

Sarah Dillon

The idea of influence: What scientists read

LUNCH 12.45 – 1.30

SESSION F – 1.30 - 3.00

Panel 16 – Medicine and Detection

Anne Stapleton

The bracing tonic of Arthur Conan Doyle's fin de siècle medical fiction

Alison Adam
Crime does pay: Autobiography and the history of forensic science

Hannah Tweed
Savantism and the detective: Autism in contemporary fiction

Panel 17 – Love, Sex and Science

Samantha George
Eighteenth-century satire and the stereotype of the sexually precocious female botanist

Daniel Brown
A man, a woman, and a galvanometer: Sex and sensibility in a couple of poems by James Clerk Maxwell

Daniel Cordle
“The most explosive love story ever”: Transatlantic nuclear discourse in the 1980s

Panel 18 – Systems and Technologies

Jason Hall
Standardization, mechanization and mid-nineteenth-century metrics: Abstraction and technology

Lena Wångren
“Language machines”: Foucault, Rousset, and literature as technology

Folkert Degenring
Literature and science, discourses and systems

BREAK 3.00 – 3.30

SESSION G – 3.30 – 5.00

Panel 19 – Perspectives on Evolution

Cathryn Setz
“Purpose patterns”: Joyce’s ‘Shem the Penman’ and neo-Lamarckian evolutionary discourse

Ruth Murphy
Boys, beasts and the bander-log: Evolution and the male child in MacDonald’s *Princess* books and Kipling’s *Jungle Books*

Janine Rogers
“A compaignye of sondry folk”: Richard Dawkins’ medieval humanism in *The Ancestor’s Tale*

Panel 20 – Victorian Poetics

Philipp Erchinger
Browning’s experiment: Scientific method in ‘The Ring and the Book’

Gemma King
“I wish our brains were not so good”: May Kendall’s poetic critique of the socio-cultural implications of scientific progression

Gillian Daw

The epic gratification of the “poetry of motion”: Thomas Hardy and astronomy

Panel 21 –Unspeakable Diseases

Ally Crockford

The third leg: Masculinity and “true” diphallicism in nineteenth-century medical narratives

Claire McKechnie

The Unspeakability of cancer in the Victorian literary imagination

Chisomo Kalinga

Representing an unmentionable epidemic: The development of the AIDS metaphor in Malawian writing

[TRANSFER TO MAIN COLLEGE FOR PLENARY AND RECEPTION]

SECOND PLENARY 5.30 – 7.00

Alice Jenkins

RECEPTION 7.00 – 8.00

[TRANSFER TO GLAMORGAN BUILDING FOR DINNER]

CONFERENCE DINNER 8.00 - LATE

[BOOK PRIZE AND BURSARY ANNOUNCEMENTS]

SATURDAY APRIL 13

SESSION H – 9.00 – 10.30

Panel 22 – Scientific Metafictions

Simon de Bourcier

Thinking machines and self-conscious texts: Technology and Textuality in American Fiction of the 1980s and 1990s

Nina Engelhardt

Measuring the earth and measuring the past: Metafictional re-enchantments

Giuseppe Episcopo

Of ruins and mind: Primo Levi’s retirement fund and the strange days of memory and technology

Panel 23 – Narratives of Disability

Ryan Sweet

“A Knotty Man”: Silas Wegg and the Immobilising Peg Leg

Alexandra Rees

“The rest of his body was imperfect”: Representations of disability in the coalfields literature of South Wales

Georgia Burdett

The role of literary texts in informing contemporary understanding of disability

Panel 24 – Responses to Popular Science and Ideas

Alan Rauch

The ineffectual naturalist: Job Leigh, Camden Farebrother, and the decline of amateur science

Katherine Ford

The writing of John Tyndall

Emily Alder

The first law of time travel: *The Time Machine* and thermodynamics

BREAK 10.30 – 11.00

SESSION I – 11.00 – 12.30

Panel 25 – The Human in Literature and Science

Anton Kirchhofer

Revisiting the “gulf of mutual incomprehension”: Theoretical and historical perspectives on the Two Cultures problem

Anna Auguscik

The human in nature: The role of literature, the human and the two cultures in leading science journals

Natalie Roxburgh

“How to be a scientist and be human at the same time”: The emergence of the multi-dimensional scientist character in recent literary fiction

Panel 26 – Science, Poetry and Creative Writing

[This panel includes readings from creative writers]

Jonathan Taylor

Poetry, cosmology and music

Simon Perril

Thinking technologies: poetry and collage as vehicles for speculative thought

Lisa Mansell

Wedgewood’s glazes

Panel 27 – Contested Knowledges

Ann Loveridge

More sinned against than sinning: The case for the Victorian physiologist

Megan Coyer

The Howisons: Philosophy, phrenology and medical culture in Romantic Scotland

Sam Goodman

“The best of bumps”: Phrenology, pseudoscience and progress in J.G. Farrell’s *The Siege of Krishnapur*

LUNCH AND BSLS AGM 12.30 – 2.00

CONFERENCE ENDS 2.00
