

PUMPS & PIPES 15

Tomorrow is Yesterday

AGENDA | Monday, December 6, 2021



*** Please note that all times are in Central Standard Time*

Introduction

9:00 AM Welcome & Introduction

Alan B. Lumsden, MD

Chairman of Cardiovascular
Surgery, Director of DeBakey Heart
& Vascular Center
Houston Methodist Hospital

Stuart J. Corr, PhD

Executive Director, Director of
Innovation Systems Engineering,
Pumps & Pipes, Houston
Methodist Hospital

9:05 AM Year in Review – A Global Look Back at 2021

Steve Igo

Director Emeritus
Pumps & Pipes

SESSION 1 | ENERGY TRANSITION

9:10 AM COP 26 Highlights

Amy Spall, MSc.

Energy & Climate Policy Advisor
UK Foreign & Commonwealth Office

David Baldwin

Co-President
SCF Partners

9:15 AM Greentown Labs Houston - Incubator Start-Ups

Juliana Garaizar, MBA

Head of Houston Incubator & VP of
Innovation,
Greentown Labs Houston

Trevor Best

Chief Executive Officer
Syzygy Plasmonics

Moji Karimi

Co-Founder & Chief Executive
Officer
Cemvita Factory

9:30 AM Halliburton Labs - Clean Tech Accelerated

Greg Powers

VP of Innovation & Innovation Mentor
Halliburton Labs

Lee Jestings

Founder and Chief Executive
Officer
Enexor BioEnergy

Russell Maduro

Chief Technology Officer,
Ionada

9:45 AM Energy Safety Research Institute – Spin Outs

Andrew Barron, PhD

Founder & Director
Swansea University

**Darren Oatley-Radcliffe,
PhD**

Associate Professor
Swansea University

Alvin Orbaek White, PhD

Senior Lecturer & Chief
Scientific Officer
Swansea University

MUSIC BREAK | BACH THROUGH NANOTUBES | INNOVATIONS IN SOUND SCIENCE

SESSION 2 | THROUGH THE BLUE, INTO THE BLACK AND BACK

10:00 AM The Space Rush: Innovating for Health in Space

Jimmy Wu
Senior Biomedical Engineer
Translational Research Institute for Space
Health

Dorit Donoviel, PhD
Executive Director
Translational Research Institute for Space
Health

10:30 AM Ad Astra Rocket – Reach Further with the VASIMR Engine

Franklin Chang Díaz, PhD
Chairman and Chief Executive Officer
Ad Astra Rocket Company

MUSIC BREAK | MAKING THE PIPE FACTORY | JOHN MULHEARN - INNOVATIONS IN SOUND SCIENCE

SESSION 3 | P&P – THE FUTURE IS NOW

11:00 AM Best of the Best – 15 Years in Review

Steve Igo
Director Emeritus
Pumps & Pipes

11:10 AM P&P Social Media Internships

Sharyn Bristol
Mission Video Cataloger
Mori Associates

11:20 AM P&P on Tour: Water-Wise Landscaping

Laura Gerik, MS
Communications Director
Pumps & Pipes

George Tripsas
Senior Video Producer
Houston Methodist Hospital

11:40 AM In the Mind of a Cardiovascular Surgeon

Alan B. Lumsden, MD
Chairman of Cardiovascular Surgery,
Director of DeBakey Heart & Vascular
Center
Houston Methodist Hospital

Fernando Castaldi
Senior Videographer
Houston Methodist Hospital

11:50 AM What's in Store for 2022: MIRIN, XR, & MITIE 2.0

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12:00 PM Conclusion

Thank you to this year's participants!



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