



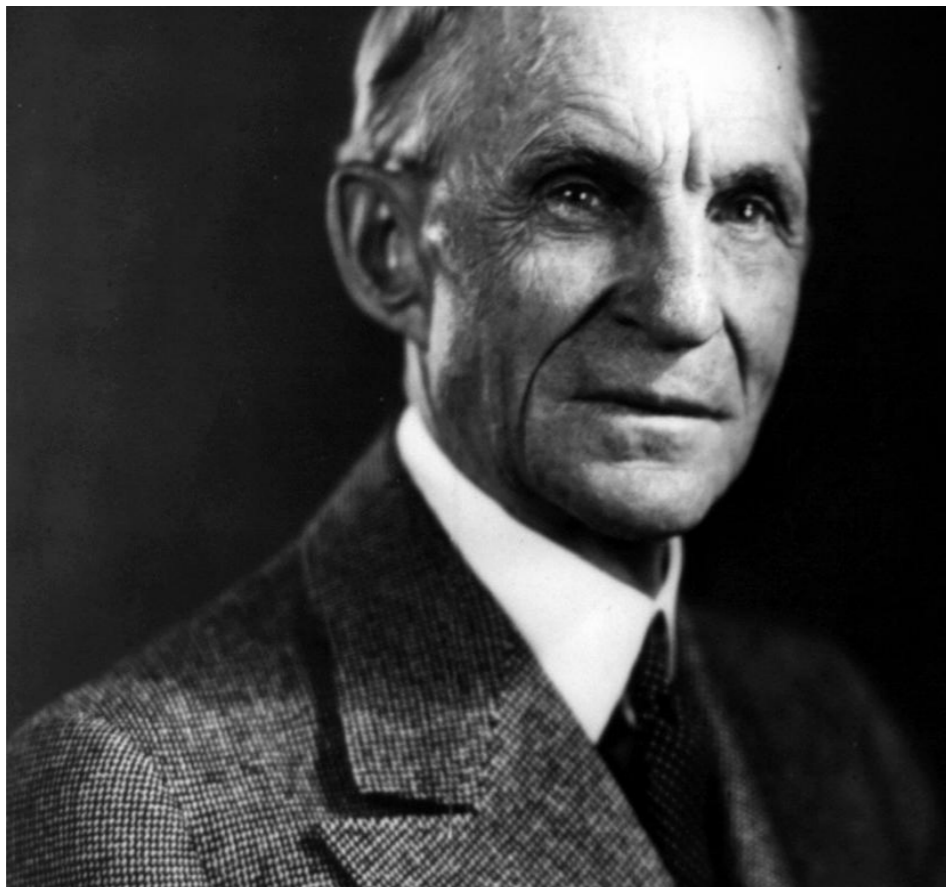
# “UNDER THE HOOD”

## TOWNHALL MEETING

**Thursday, February 28, 2019**  
**4:30 – 5:30pm**



# UNDER THE HOOD



If everyone is moving  
forward together,  
then success takes  
care of itself.

Henry Ford

- **Why...** We Are Here
- **How...** We Operate
- **Who...** Is Running IPEIA
- **What...** Is New in 2019
- **When...** Is IPEIA 2020
- **Where...** Can You Be Involved

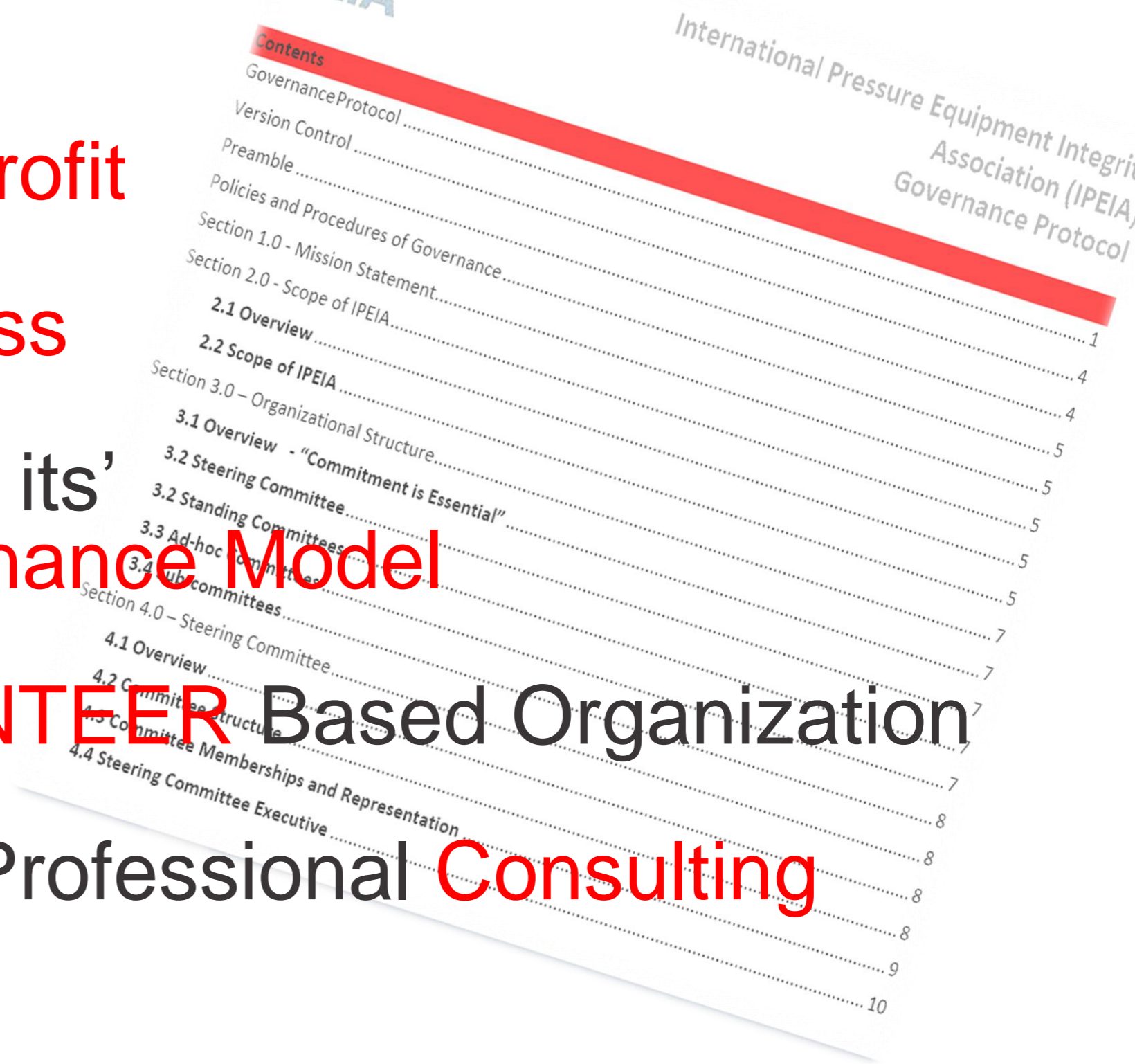


- Industry Focused Initiatives
- Forum for Like-Minded Professionals
- Continuous Training, Succession Planning and Improvements for the Industry



- To have some FUN

- IPEIA is **Not for Profit**
- IPEIA is a **Business**
- IPEIA operates to its **Protocol & Governance Model**
- IPEIA is a **VOLUNTEER** Based Organization
- IPEIA leverages Professional **Consulting Services**



International Pressure Equipment Integrity Association (IPEIA)  
Governance Protocol

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# VOLUNTEERS!

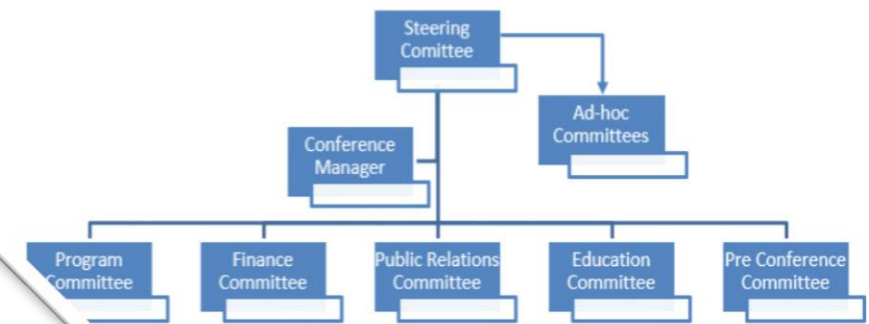
- Executives

## Sub-Committees

- ❖ Technical Program Committee
- ❖ Education Committee
- ❖ Public Relations Committee
- ❖ Finance Committee
- ❖ Pre-Conference Committee
- ❖ Advisory Committee

### 3.1 Overview - "Commitment is Essential"

This section provides an overview of the complete organizational structure, which has been put in place to plan, market and fully execute the complete scope of the IPEIA conference, in accordance with the requirements of Section 2.0. This organizational structure is based on a "committee centered" approach with all committees having representation on the steering committee. This protocol does not include the use of advisory committees by IPEIA. For an overall layout of the committee structure see Fig 3.1. All steering, standing or sub-committees will include in their name the year of the conference that they are planning for i.e. the program committee assembled to work on the 2014 conference will be referred to as Program Committee 2014.



## Executives



- **Chair – Jim Yukes**
- **Vice Chair – Denny Stubel**
- **Treasurer – Trent Tarleton**
- **Program Chair – Jan Kriel**
- **Past Chair – Izak Roux**



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# VOLUNTEERS

# Technical Program Committee

**Chair**  
**Jan Kriel**

[The Conference](#) | [The Exhibition](#)  
[Announcements](#) | [Registration](#) | [Sponsorship](#) | [Accommodation](#) | [Contact Us](#) | [Member Area](#)

## Technical Program

### 2019 Technical Program Schedule

Please note: This schedule is subject to change. For the most up to date version, refer to the Conference App (when available)!

Abstracts at a Glance can be found here!

Wednesday	Room 301	Room 302 (Main)	Room 305
1:00 PM - 1:15 PM	Opening Remarks	Opening Remarks	Opening Remarks
1:15 PM - 2:15 PM	Keynote Speaker - Greg Johnson: I'm Just a Tornado Hunter	Keynote Speaker - Greg Johnson: I'm Just a Tornado Hunter	Keynote Speaker - Greg Johnson: I'm Just a Tornado Hunter
2:30 PM - 2:55 PM	2019_AB077: On Stream Assessment Of Tank Floor To Shell Weld Using Advanced NDE - Scott Sommatyne	2019_AB035: ASME Section VIII 2019 Code Update - What do you do when the Code doesn't have applicable rules? - Trevor Seipp	2019_AB005: Inspection Management Programs and Piping Circuit Implementation: When the Real Work Begins - David Weigber
2:55 PM - 3:20 PM	Coffee Break	Coffee Break	Coffee Break
3:20 PM - 3:55 PM	2019_AB021: Tank tales: Cases of Failures and Damage of Storage Tanks - Ana Eric	2019_AB032: Performance-Based Assessment of an Inclinator Stack Using Field Measurements - Kenny Farrow	2019_AB004: Assessing performance of a corrosion control program & incorporating data analytics - Jamie Davidson
4:00 PM - 4:30 PM	2019_AB044: Avoiding Pitfalls Associated With Vacuum Rings in High - Temperature Vessels - Alex Tolstov	2019_AB006: Stack Life Extension through FPS and Rope Access Industrial Services - Andrew Seymour	2019_AB008: Plant Wide CCI/IOW Implementation Process - Michael Nugent

Thursday	Room 301	Room 302 (Main)	Room 305
8:00 AM - 9:00 AM	Keynote Speaker - Patrick Smyth: Getting to Zero Incidents	Keynote Speaker - Patrick Smyth: Getting to Zero Incidents	Keynote Speaker - Patrick Smyth: Getting to Zero Incidents
9:30 AM - 9:45 AM	2019_AB043: Case Study: Testing Wall Loss Due to Flow Accelerated Corrosion - Lorge Kimbol	2019_AB059: Lessons Learned In Piping Troubleshooting and Design - Charles Secht V	2019_AB026: Asset Integrity Optimization In the Oil Sands through Risk Based Inspection - Case Study - Victor Del Nero
9:50 AM - 10:25 AM	2019_AB022: Early Stage Creep detection In High Energy Piping - Ron Preston	2019_AB029: Overview of the Fermi Arena Ammonia Incident - Tony Schell	2019_AB030: Dynamic RBI - addressing non-linear behavior and data uncertainty - Steve Hall
10:25 AM - 10:50 AM	Coffee Break	Coffee Break	Coffee Break
10:50 AM - 11:25 AM	2019_AB037: HTHA Damage Detection and Characterization using ToFD, RAUT and TFM/PMC - Timothy Anstis	2019_AB014: Revisiting API RP577, Welding Processes, Inspection, and Metallurgy - John Yobson	2019_AB020: Managing IOW's Through Integrity Analytics - Joe Sothoff
11:30 AM - 12:05 PM	2019_AB011: Acoustic Emission On-Stream Monitoring of HTHA Cracks In a Pressure Vessel - Sam Temowehet	2019_AB028: Code Compliance Strategies when Converting a Large Utility to 100% Natural Gas Firing - Marc Lemmons	2019_AB025: The Value of Lean In Asset Integrity Management - Joe Sothoff
12:05 PM - 1:30 PM	Lunch	Lunch	Lunch
1:30 PM - 2:05 PM	2019_AB003: Standardization of NDE: How to ensure the correct NDE method and correct location is inspected every time - Jeremy Brown	2019_AB027: Going Beyond Typical Failure Analyses - Frank Greszu	2019_AB018: Resources for Piped Equipment Mechanical Integrity - Why Do We Need So Many? Past vs. Present - John Reynolds
2:10 PM - 2:45 PM	2019_AB009: Buried Ultrasonic Corrosion Monitoring Sensors for Midstream Asset Integrity - Steve Zroschen	2019_AB042: Rising Up From The Ashes - Assessing and Repairing Pressure Equipment After A Fire - Robert C. Dui	2019_AB013: Mobilization of the Asset Integrity Program - Russ Davis
2:45 PM - 3:10 PM	Coffee Break	Coffee Break	Coffee Break
3:10 PM - 3:45 PM	2019_AB012: The Importance of Post Welding Flaking for Duplex Stainless Steel - Richard Samson-Davis	2019_AB094: "Staying Sharp" The Importance of Continuing Education (Part 1) - Joel Amato & Zen Cresser	2019_AB041: The Effects of Sputtering on In-service Welding - Morgan Dui
3:50 PM - 4:25 PM	2019_AB014: Valve Manufacturing: Inconsistencies between Common Practices and Code Requirements - Ali Abou	2019_AB094: "Staying Sharp" The Importance of Continuing Education (Part 2) - Joel Amato & Zen Cresser	2019_AB027: Waveform Controlled Gas Metal Arc Welding for Weld Metal Overlay - Corren Zorobok
4:30 PM - 5:00 PM	Town Hall Meeting	Town Hall Meeting	Town Hall Meeting

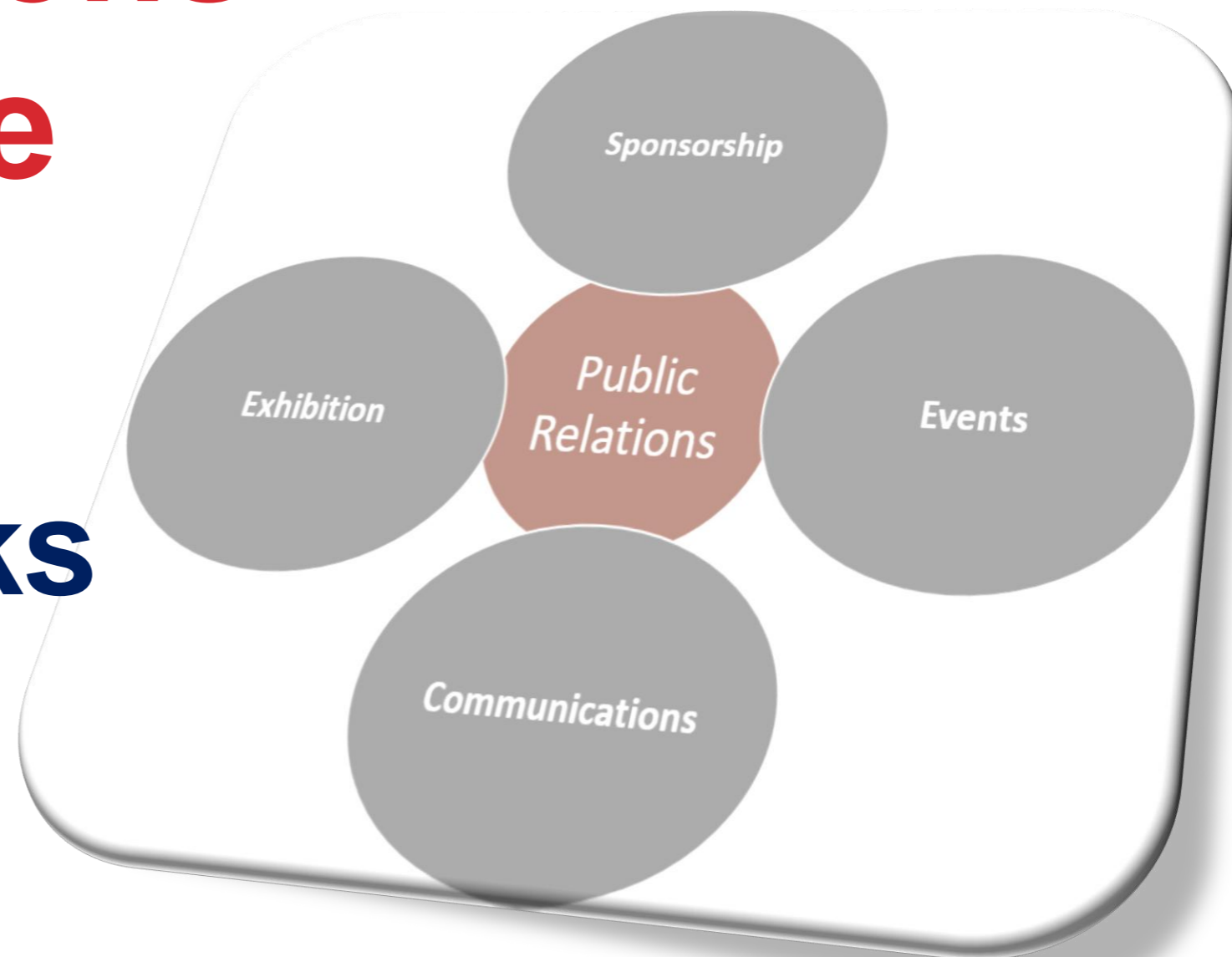
  

Friday	Room 301	Room 302 (Main)	Room 305
8:00 AM - 8:40 AM	2019_AB001: Root Cause Analysis Made Simple - Driving Bottom Line Improvements by Preventing	2019_AB037: Damage Control - Managing the Damage Caused by Power Plant Cycling - Romelo	2019_AB033: Advanced Ultrasonic Corrosion mapping comparison through time - Philippe Roux



# Public Relations Committee

**Chair**  
**Alison Weeks**



## Pre-Conference Committee

**Chair**

**Adina Partidge**



# Education Committee

## Chair

# Terence Williams

### Feeling Pressure to Make the Right Career Choice?

#### Consider Pressure Equipment Integrity Management (PEIM) for Career Pressure Relief

Choosing a career is one of the most important decisions for anyone, but especially for students or young people contemplating their future.

**Options** is one thing that a career in PEIM has to offer—rewarding and challenging options. Determining how to get there is the next step.

We hope this pamphlet helps you:

- plan your future
- achieve long term success
- gain awareness of this exciting career option.

#### What Is Pressure Equipment?

The world is full of pressure equipment — from the hot water tank in your basement, the power boilers that produce electricity for cities, to refineries and petrochemical plants. We are surrounded by pressure equipment, and there are many careers involved in making sure pressure equipment is safe and operates reliably.

#### Where PEIM Professionals Work

Work in an office, in the field, in process facilities, large or small. It's also a lot of fun, if you like variety of work and work environment, technical and engineering challenges, opportunities for advancement.

**Manufacturing:** pressure piping, pressure vessels, tanks, boilers, structural steel pipeline components.

**Materials engineering/consulting:** non-destructive testing, inspection, materials & testing, metallurgy, failure investigations

**EPC (Engineering - Procurement - Construction):** design, quality control, quality assurance.

**Teaching:** post secondary, seminars, training.

As you gain experience and obtain the various certifications and endorsements, the career and employment options become very diverse, both within local industries and internationally.

#### What Integrity Professionals Do

**Inspecting:** new construction, in-service integrity management, repairs and alterations

**Testing:** materials, welds, pressure equipment, pipelines.

**Analyzing:** data, risk, cost, options.

**Quality control:** welding, fabrication, construction, materials, coatings.

**Quality assurance:** design, manufacturing, construction.

**Auditing:** all parts of the industry now do internal audits of their own work to confirm suppliers, contractors and operators comply with regulations, codes, specifications and contracts.

**Training/teaching:** is a satisfying career once you are competent, knowledgeable and possess the organizational and communication skills to be a good instructor, trainer or teacher.

**Technology:** this is a high tech industry with immense opportunities to learn, develop and apply technology.

**Engineering:** design, fitness for service.

**Regulating:** auditing, subject matter experts

**Supervising/leading:** chief inspector, integrity team leader, supervisor.

### IPEIA Contact Information

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# VOLUNTEERS

## Finance Committee

Chair  
Trent Tarleton



## Advisory Committee

**Chair**  
**Izak Roux**





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# VOLUNTEERS

## Thank You to IPEIA Past Chairs

1997 - Owen Baker (SAIT)	2005 - Jack Whittaker	2012 – Anthony Merle (CNRL)
1998- Owen Baker (SAIT)	2006 - Randy VanderVoort (Syncrude/Acuren)	2013 - Hennie Prinsloo (RAE)
1999 - Dan Violini (SAIT)	2007 - Randy VanderVoort (Acuren/Flint)	2014 - Hennie Prinsloo
2000 - Dan Violini (SAIT)	2008 - Harold Hadley (Williams Midstream)	2015 -Theo Abels
2001 - Dan Violini (Gulf Midstream)	2009 - Harold Hadley	2016 - Theo Abels
2002 - Dan Violini (at Keyspan)	2010 - Vanessa Rawlins (Conoco)	2017 - Nick Marx (IRML)
2003 - Dan Violini (at SAIT)	2011 - Anthony Merle (CNRL)	2018 - Izak Roux
2004 - Jack Whittaker (Encana)		



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# WHAT

## NEW FOR 2019



- The **Ultimate Delegate Experience** - \$4000+ Grand Prize!
- **More Booths!!** Added 10 more Booths!
- **Delegate Brunch** on Friday! More Food & Networking Time
- Program's **APART System** for managing presentations from abstract submittal to review
- Change of **Financial Institution** to BMO
- Increased support for **Industry Groups** throughout the year
- Increased **Student** conference attendance
- Ability to **Secure your 2020 Sponsorship & Exhibitor Booth NOW!!**

Registering TODAY ONSITE!!



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# BY THE NUMBERS

## Delegates Attending / Growth – 2019 Sold Out!!!

Year	Attendance	Annual Growth
2014	489	-
2016	350	<b>-28%</b>
2017	415	19%
2018	650	56%
2019	850	30%



- Total Registrations = **850+!!!**
- We sold **582** FULL registrations (**183** comp'd) = **399** paid registration
- **36** One Day registration
- **63** Student Registrations
- **25** Spousal Registrations
- **40** Extra Networking Tickets
- **96** Exhibition Staff Passes (incl. **9** Staff Upgrade Passes)
- Over **75+** Volunteers working on IPEIA
- Sold out Exhibition in 2 weeks – OVER budget
- Amazing Sponsorship Support – \$130,000+!!!!





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# WHEN

## IPEIA 2020

### February 24 – 28, 2020

2020 IPEIA Planning – begins on **March 2, 2019!!**



Where you can help:

- Join an IPEIA Sub Committee
- Complete the Online Survey
- Be a Presenter
- Become a Member of an Industry Group!



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**Q & A**

**Time to Hear from YOU!**

# Thank you

## Reminder Survey – Online on the App

