

## Discussion Group T09: Dry Gas Seals for Compressors

### Leaders:

- Hans Weyermann (ConocoPhillips)
- Bernard Quoix (TOTAL)
- Rich Wilson
- Leonardo Baldassarre (GE)
- Joe Delrahim (John Crane)
- John Marta (Flowserve)
- Daniel Goebel (EagleBurgmann)

### Suggested Topics:

- DGS operating characteristics
- Unidirectional versus bidirectional
- Seals faces and seats, O rings materials
- Explosive decompression
- Primary seal gas supply control system
- Primary seal failure detection
- Primary seal gas vent to flare control system
- Secondary seal failure detection
- Tertiary seal types, carbon rings versus labyrinth
- Buffer gas and associated control
- Separation gas, air or nitrogen and associated controls
- Tandem versus double seals application
- Field problems and experiences