

# The 9<sup>th</sup> BEAR PGR Conference

Friday 12th April 2019

## List of Poster Presentations

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|----|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1  | <b>Abdullah Alqahtani</b>   | Numerical modelling of Hot Isostatic Pressing                                                                                  |
| 2  | <b>Grigorios Papatzikas</b> | BEAR resources in the front line to understand and target metabolism in cancer                                                 |
| 3  | <b>Said Kaawach</b>         | Sharpe Ratio in Peer-To-Peer markets                                                                                           |
| 4  | <b>Mehdi Mahmud</b>         | Numerical analyses of bubble dynamics at a corner                                                                              |
| 5  | <b>Weining Li</b>           | Heat-Assisted Incremental Sheet Forming of High Temperature Materials                                                          |
| 6  | <b>Helen Abbott</b>         | Nano-Hydrated Clusters of Flexible Molecules with Two Charge Centres                                                           |
| 7  | <b>Junlin Heng</b>          | Innovative Research on Fatigue Performance of Rib-to-Deck Joints in Orthotropic Steel Decks                                    |
| 8  | <b>Karn Vohra</b>           | Monitoring air pollution from the ground up                                                                                    |
| 9  | <b>Pasakorn Sengsri</b>     | Experimental and numerical investigation of vibration characteristics of Fibre-reinforced Foamed Urethane (FFU) composite beam |
| 10 | <b>Jainta Chomtoranin</b>   | Rain-fed vs Irrigated rice yield variation in Thailand                                                                         |
| 11 | <b>Daniel Hefft</b>         | Creating a predictive model for acoustic data in pipe flow                                                                     |
| 12 | <b>Syeda Anam Hashmi</b>    | Effects of windbreak walls on trains against crosswinds                                                                        |
| 13 | <b>Sam Benkwitz-Bedford</b> | A trajectory based modelling and comparison framework; Analysing cancer cell motion                                            |