



## Global Technology Conference (GTC2022)

### Humanising Energy

35<sup>th</sup> World LPG Forum – New Delhi, India

Tuesday 6<sup>th</sup> December 2022

### Call for Abstracts

The World LPG Association (WLPGA) announces the LPG industry's 15<sup>th</sup> Global Technology Conference (GTC2022) which will take place on Tuesday 6<sup>th</sup> December 2022, during LPG Week at the 35<sup>th</sup> World LPG Forum.

The primary aim of GTC2022 is to showcase the most promising and original technological innovations from around the world and create new opportunities for the LPG industry. GTC2022 brings the LPG industry together, represented by all its stakeholders, from research entities to academic partners, LPG producing companies to LPG equipment manufacturers, LPG distributors as well as the total LPG supply distribution chain and beyond it.

The preceding Global Technology Conferences that took place in Chicago, Seoul, Madrid, Doha, Bali, London, Miami, Singapore, Florence, Marrakech, Houston, Amsterdam, the virtual GTC held in 2020 during eLPG Week, and the hybrid event in Dubai last year - were extremely successful and included presentations from all corners of the world. Typically, over 200 delegates attend GTC.

The goal is to make GTC2022 Delhi the best ever. A complimentary invitation is offered to all Forum exhibitors to attend GTC2022 in Delhi.

1. Think of your most recent innovation (concepts/ideas at advanced stage also welcome)
2. Describe how it can enhance the LPG industry
3. Complete the abstract using the abstract submission template below
4. Need help? Contact <a href="mailto:nxydas@wlpga.org">nxydas@wlpga.org</a> or <a href="mailto:dtyler@wlpga.org">dtyler@wlpga.org</a>

### GTC2022 Chairs:

James Rockall

Shrikant Madhav Vaidya

CEO & Managing Director, WLPGA

President of the Board of Directors, WLPGA

## GTC2022 ABSTRACT SUBMISSION TEMPLATE

RETURN TO MS MELANIE MILATE-MASCHINO ([mmilate-maschino@wlpga.org](mailto:mmilate-maschino@wlpga.org))  
BEFORE 5<sup>th</sup> AUGUST 2022

<b>Abstract Number</b>	For Office Use
<b>Date of Submission</b>	

<b>Abstract Title</b>	
<b>Authors Name</b>	
<b>Company</b>	

<b>Business Position</b>	
<b>Email</b>	
<b>Mobile Phone</b>	
<b>Nationality</b>	
<b>Full Business Address</b>	

<b>Abstract Summary</b> (150 words max) Please summarise the submission and its most important features

<b>Key advantages/ benefits</b> Please describe in bullet points why the proposal can be superior to existing alternatives and practices
<ul style="list-style-type: none"><li>•</li></ul>

<b>Potential impact</b> Please describe in bullet points what impact the proposal may have in the area of its application
<ul style="list-style-type: none"><li>•</li></ul>

<b>Full Abstract Submission Text</b> (1200 words max) This is the full submission text, see abstract submission guidelines below. Please highlight clearly the key aspects of the innovation, its commercial, operational, efficiency, safety, environmental and other impact and potential, including background, why it was developed, objectives, expectations etc. Drawings, photos, links and documents in support of the abstract can also be included or forwarded separately if needed.



## Abstract Submission Guidelines

- We invite original abstracts of primarily technological content that may be work in progress, a previously unpublished report, a report that has not had wide international exposure, an innovation of an existing technology or equipment, practices or procedures, or some particularly successful practical experience. Ideas at an advanced stage also welcome
- Although the focus of GTC2022 is technology, the scope also includes abstracts describing successful marketing and implementation of these new technologies
- New and innovative ways of using LPG, significant improvements of existing applications, appliances and equipment using LPG as fuel, are also welcome as abstracts
- Abstracts dealing with production and processing of LPG are encouraged if the focus relates to new production or market opportunities for LPG, especially those related to renewable LPG (rLPG), renewable DME (rDME) or others that could be accommodated in the LPG infrastructure, supply chain and market.
- Abstracts will be reviewed on the basis of content with emphasis on the potential impact on the LPG industry performance and results, rather than consideration for the budget available to the author
- The WLPGA wishes to emphasise that technology development and innovation knows no geographical boundaries and submissions are welcome from both developed and emerging markets
- Suggested topics for GTC2022 include all aspects of the LPG industry where there is an emphasis on technology development and improvement that leads to expanded opportunities for LPG usage and volume growth, operations optimisation, cost reduction, increased safety, energy efficiency, improvement in the value proposition and reduced carbon footprint
- Specific product sales presentations are not appropriate for GTC2022

## Some Suggested Topics

Some examples of topics that might be presented under any one of the following categories include:

No.	Categories	Suggested topics
1	POWER GENERATION	Engine-driven generators, fuel cells, micro-turbines, co-generation (combined heat, power and cooling)
2	FUEL ISSUES	Non-sulphur based odorants, test protocols and procedures, remediation of contaminated fuel, specifications; emerging fuels such as DME, synthetic LPG
3	RESIDENTIAL/ COMMERCIAL	Space heating, water heating, cooking, clothes drying, air-conditioning, fumigation, refrigeration, humidity control, lighting, cleaning, insect and bug control, land and garden care, DIY equipment, including combination of uses
4	INDUSTRIAL	Heat treatment, aerosol propellant, crucible furnace, asphalt conditioning, wood and ceramic kiln, ice thawing, industrial ovens, coffee and peanut roasting, dye-casting, brick and cinder block curing, metal forging, sand and gravel drying, metal melting and cutting, temporary heat for construction
5	AGRICULTURE	Crop production, poultry and pork production, grain and food drying, vine defoliation, flame cultivation, poultry house sterilisation, irrigation pump engines, residential and commercial lawn mowers, LPG powered agricultural machinery, CO2 enrichment etc.
6	MARINE	LPG fueled marine engine technologies, applications of LPG in marine, shipping environment, innovative technological and market initiatives
7	LEISURE	Recreational vehicles, boating, barbecues, patios, heaters and hearths
8	OPERATIONS	Composite cylinder/tank construction, transfer operations including pumping, metering connectors, remote sensing, liquid level detection, radio identification, storage systems (above/underground, refrigerated, mounded and pressurised). Safety and training
9	DISTRIBUTION	Transportation including vehicle tracking systems, routing, scheduling and optimisation. Application of the Internet of Things (IoT). Distribution systems – reticulated LPG, remote metering, LPG/Air (SNG) systems. Safety and training
10	ENVIRONMENT	Climate change mitigation, emission reductions from engines and fuel transfer systems, emissions trading, new initiatives and research on the positive impact of LPG, rLPG, rDME to the environment, health etc.
11	AUTOMOTIVE	LPG as an engine fuel (Autogas), in both on and off-road vehicles, forklift trucks, lawnmowers, primary power units, auxiliary engines, two and three-wheelers, hybrids, micro-turbines, conversion kit technologies, original equipment manufacturers (OEM's) etc.
12	PROCESSES	Incremental production techniques, energy saving, enhanced safety
13	OTHERS	Any other papers that do not fit into the above categories

- Each successful author will be allotted a maximum of 15 minutes to make their presentation in MS PowerPoint format (ten slides max).
- Authors will be required to register for GTC2022, which is free for speakers.
- With all Forum exhibitors again being given access to GTC we expect record numbers of delegates



## Instructions for Authors

- Please send your abstract submissions to Ms Melanie Milate-Maschino at: [mmilate-maschino@wlpga.org](mailto:mmilate-maschino@wlpga.org) by 5<sup>TH</sup> August 2022 using the template above.
- The abstract submission should not exceed 1,200 words and also include a summary that does not exceed 150 words.
- All abstracts received will be reviewed by the Steering Committee, which comprises of experts from across the global LPG Industry. Notification of acceptance or rejection of the abstract will be sent to authors by 16<sup>th</sup> September 2022.
- The criteria for selecting an abstract for presentation and publication at GTC2022 will include technical innovation, commercial potential and market growth opportunity, operational efficiency, and safety. The overall contribution of technology to expanding LPG markets and meeting the submission guidelines will also be important.
- Successful authors will be asked to prepare and submit their accompanying PowerPoint presentation by 21<sup>st</sup> October 2022
- All abstracts will be showcased at New Delhi in a poster board display. Authors will be asked to provide a short summary of their abstract by 21<sup>st</sup> October 2022 and a head and shoulder photo of themselves which will be included on each of the posters.
- The successful authors will also be asked to agree to present their paper at GTC2022 in New Delhi in on 6<sup>th</sup> December 2022 afternoon (virtual/video participation to be confirmed).

The GTC2022 language is English.

### IMPORTANT DATES

#### Phase I

- |   |                            |      |
|---|----------------------------|------|
| • Call for abstracts                          | 14 <sup>th</sup> March     | 2022 |
| • Submission of abstract                      | 5 <sup>th</sup> August     | 2022 |
| • Acceptance/rejection of abstract to authors | 16 <sup>th</sup> September | 2022 |

#### Phase II

- |   |                          |      |
|---|--------------------------|------|
| • Submission of PowerPoint presentation           | 21 <sup>st</sup> October | 2022 |
| • Submission of author photo and abstract summary | 21 <sup>st</sup> October | 2022 |
| • Presentation of Paper at GTC2022                | 6 <sup>th</sup> December | 2022 |

For any clarification/additional information, please contact:

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March 2022