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**LIVE WEBINAR**  
LECTURE SERIES ON

# Bridge Deck Erection Technology- Best International Practices

2:30-5:30 PM (IST)

29 May 2021  
Saturday

05 June 2021  
Saturday

12 June 2021  
Saturday

19 June 2021  
Saturday

26 June 2021  
Saturday

03 July 2021  
Saturday

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# ABOUT THE EVENT

Recent collapses of under construction bridge decks using erection equipment tailored to the specific project has caused alarm in India and elsewhere in the world. Such failures are a setback to the project and lead to severe time and cost overruns.

Innovations in BDEE (Bridge Deck Erection Equipment) and techniques have allowed for rapid erection of bridge super structures and this technology is continually evolving with a number of innovations. Each type of equipment interacts with the bridge deck in a different manner and this loading has to be accounted for in the design and construction phase analyses. Selection of the correct type of erection system is one of the most important aspects for a chosen type of superstructure and manner in which it will be erected - this must be decided at the concept stage itself, by interaction between all the project stakeholders, contractors, designers, equipment suppliers and the client.

For the first time a lecture series of specific webinars by international experts is being organised by the Indian National Group of the IABSE, based on the contents of the book titled 'Bridge Deck Erection Equipment: A best practice guide', a joint publication of the Institution of Civil Engineers (ICE), UK and International Association of Bridge and Structural Engineering (IABSE). The book is the work of Working Group:6 of IABSE. The lectures will cover all types and aspects of bridge erection equipment, encompassing the total technology involving choice of type, analysis and design, operations in use, safety, economy and case studies.

Members of the bridge and structural engineering community, worldwide, are invited to enrol for this unique series of webinars by experts on the subject and update themselves with the latest developments and enrich their knowledge.

All registered participants will be eligible for a 15% discount on purchase of the above referred book.



## WHO SHOULD ATTEND

- Suppliers & launching girder fabricators
- Contractors & Consultants
- Owners / Clients / Authorities
- All other Interested Personnel
- Authority Engineer / Independent Engineer
- Academic Institutions
- PG/PhD Students

DELEGATE FEE	
Non Members	INR 8,000*
Members of IABSE, ING-IABSE, IIBE, IAStructE, Academicians	INR 6,000*
Students	INR 2,000*
Foreign Delegates (Non Member)	USD 200
Foreign Delegates (Member of IABSE, ICE)	USD 150

SPONSORSHIP	
<b>Platinum:</b> (10 complimentary delegates & 20 min presentation)	INR 10,00,000** (USD 14,000)
<b>Diamond:</b> (5 complimentary delegates & 10 min presentation)	INR 5,00,000** (USD 7,000)
<b>Gold:</b> (3 complimentary delegates)	INR 3,00,000** (USD 4,000)

\* + GST @ 18%

\*\* GST to be paid directly by the sponsors

Registration Link : <http://z2s.in/l.s?RDCJ2407>

## EMINENT SPEAKERS



**Harsha Subbarao**  
Vice President IABSE &  
Chairman & MD, Construma  
Consultancy Pvt Ltd, Mumbai



**I.K Pandey**  
Chairman, ING-IABSE &  
DG(RD) & SS,  
MORTH



**Max Meyer**  
Principal, Rui-Feng  
International, Singapore



**Michael Däbritz**  
Principal  
Daebritz Baukonzept, Germany



**Steve Harridge**  
Consultant, Tony Gee and  
Partners, UK



**Jan de Boer**  
Principal  
DeBoerDC  
Netherland



**Teng Hwai Gan**  
Technical Director - Technical Centre  
VSL International, Singapore



**Mohan Jatkar**  
Advisor, Gammon Engineers  
and Contractors, India



**Tristan Lecomte**  
Principal Engineer, Vinci  
Construction Grands Projects, France



**Mark Divers**  
Group Manager Health&Safety  
VSL International, Hongkong



**Alessandro Rovera**  
CEO, DEAL  
Italy



**Giulio Maria Scotto**  
Division Manager, Freyssinet  
International & Cie, France



**Daniele Tosoratti**  
Head of Equipment - Technical  
Department, DEAL, Italy

# Bridge Deck Erection Technology - Best International Practices PROGRAMME

All sessions to start at 2.30 PM (IST)

## Session-I | Saturday, May 29<sup>th</sup> 2021

Module	Topic		Duration	Speaker
<b>Inaugural Session</b>			30'	
0	General introduction	Presentation	15'	H. Subbarao
1	BDE - Why there is need for such a webinar	Presentation	10'	Max Meyer
2	Classification of bridge decks	Presentation	10'	Max Meyer
3A	Project Management	Presentation	40'	Mohan Jatkar
Break			5'	
3B	Project Management	Panel discussion	20'	Panelists
4A	Safety	Presentation	20'	Mark Divers
4B	Safety	Panel discussion	20'	Panelists

## Session-II | Saturday, June 5<sup>th</sup> 2021

Module	Topic		Duration	Speaker
5A	Precast girder erection by launching gantry	Presentation	40'	Daniele Tosoratti
5B	Precast girder erection by launching gantry	Panel discussion	20'	Panelists
6A	Movable scaffolding system	Presentation	40'	Michael Daebritz
Break			5'	
6B	Movable scaffolding system	Panel discussion	20'	Panelists
7A	Precast segmental span-by- span erection by launching gantry	Presentation	40'	Max Meyer
7B	Precast segmental span-by- span erection by launching gantry	Panel discussion	20'	Panelists

## Session-III | Saturday, June 12<sup>th</sup> 2021

Module	Topic		Duration	Speaker
8A	Precast full span erection by launching gantry	Presentation	40'	Alessandro Rovera
8B	Precast full span erection by launching gantry	Panel discussion	20'	Panelists
9A	Incremental launching method	Presentation	40'	Giulio Maria Scotto
Break			5'	
9B	Incremental launching method	Panel discussion	20'	Panelists
10A	Prefinished bridge installation methods	Presentation	40'	Jan de Boer
10B	Prefinished bridge installation methods	Panel discussion	20'	Panelists

## Session-IV | Saturday, June 19<sup>th</sup> 2021

Module	Topic		Duration	Speaker
11A	In situ form travellers	Presentation	40'	Michael Daebritz
11B	In situ form travellers	Panel discussion	20'	Panelists
12A	Cantilever erection by lifting frame	Presentation	40'	Teng Hwai Gan
	Break		5'	
12B	Cantilever erection by lifting frame	Panel discussion	20'	Panelists
13A	Precast balanced cantilever erection by launching gantry	Presentation	40'	Max Meyer
13B	Precast balanced cantilever erection by launching gantry	Panel discussion	20'	Panelists

## Session-V | Saturday, June 26<sup>th</sup> 2021

Module	Topic		Duration	Speaker
14A	Progressive cantilever method using stay cables	Presentation	30'	Tristan Lecomte
14B	Progressive cantilever method using stay cables	Panel discussion	10'	Panelists
15A-1	Equipment design	Presentation	20'	Steve Harridge
15A-2	Mechanical, hydraulic and electrical components	Presentation	20'	Max Meyer
	Break		5'	
15B	Equipment design & components	Panel discussion	20'	Panelists
16A-1	Precasting of bridge decks built by BDE	Presentation	50'	Max Meyer
16A-2	Lifting attachments	Presentation	10'	Max Meyer
16B	Precasting of bridge decks built by BDE & lifting attachments	Panel discussion	20'	Panelists

## Session-VI | Saturday, July 3<sup>rd</sup> 2021

Module	Topic		Duration	Speaker
17A	Detailing aspects of bridge decks built by BDE	Presentation	60'	Max Meyer
17B	Detailing aspects of bridge decks built by BDE	Panel discussion	20'	Panelists
	Break		5'	
18A	Recommendations for the industry	Presentation	30'	Mohan Jatkar
18B	Recommendations for the industry	Presentation	20'	Panelists
	Closing Remark		5'	H. Subbarao

For any further information please contact : [ingiabse@hotmail.com](mailto:ingiabse@hotmail.com)  
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