

October 2019

FEFCO Technical Seminar Programme and information

2	2-3	4-5	6-7	8-9	10-11
Editorial	FEFCO Production	Spotlights	List of Exhibitors	FEFCO Awards	FEFCO Mob App
Jan Klingele	Committee and		and floorplan	New Members	
FEFCO President	Programme				

Editorial



Jan Klingele
FEFCO President

Welcome to Geneva and to the 2019 FEFCO Technical Seminar!

As FEFCO President I am proud to welcome you to **Europe's leading event for the corrugated industry**. This year we are exploring the topic "**Mastering our Processes**".

The FEFCO Production Committee has added a touch of storytelling, as the conference will tell the story of a box from the customer order, through the manufacturing process and to the final delivery. We promise you'll be captivated by this magical tale!

You'll enjoy all the usual ingredients of a successful seminar – a high-level conference programme with top speakers from the industry, spotlight sessions showcasing the latest innovations, a vast and varied exhibition and pleasant social events. But we're always working on improving the recipe and so this year will see that all meals and breaks will be taken on the exhibition floor to maximise visiting potential. We're also introducing a **Safety Innovation Award** as FEFCO sees the promotion of long-term safety for its suppliers as a central issue.

Added to this mix will be the focus on the ongoing political and social debate on plastics and how corrugated in most cases could become an ideal alternative material. The inexorable rise in e-commerce will continue to provide us with much food for thought and the final spice will be the increasing importance of Artificial Intelligence - ignore it at your peril!

With a record number of exhibitors Geneva was an inspired choice of venue. Many thanks to our 97 Sympathiser members for the trust and the support of the FEFCO Technical Seminar.

We hope you enjoy all the benefits of being at the **Palexpo** exhibition centre which is close both to the airport and to Europe's smallest but most delightful international city.

I look forward to seeing you in Geneva!

Members of the Production Committee

The FEFCO Production Committee is part of the secret behind the success of the Technical Seminar. The members put the conference programme together, and make sure it focuses on essential technical issues that will inspire all participants. Their objective is to bring together, on one platform, the most innovative suppliers, customers and industry members who will share their ideas and knowledge and bring FEFCO members' operations to a higher professional level.



Chairman:
Marc Van Damme
VPK Packaging,
Belgium



Klaus Lücke
Klingele, Germany



Edoardo Finotti
Model, Switzerland



Łukasz Nęcki
AQUILA -VPK, Poland



Astrid Glasenapp-Odeberg
Innventia, Sweden



Julian Pachniewski
VDW, Germany



Semih Celebi
International Paper,
Turkey



Steve Parr
Smurfit Kappa, UK



Antoine Renaer
DS Smith Packaging,
Belgium



Mihnea Baldea
Rondo Ganahl

Not shown:
Hervé Dehaynin
SAICA

Technical Seminar Programme

DAY 1 - WEDNESDAY 09 OCTOBER

08:00 Registration opening

09:00 Welcome coffee and exhibition visit

10:10 - 10:50 - HP Sponsored programme

11:00 Conference opening (video)

11:00 **President Welcome address**
Jan Klingele, FEFCO President

11:15 Practical announcement

Sessions Chaired by Łukasz Necki, AQUILA VPK - Mihnea Baldea, Rondo - Semih Çelebi, Olmuksan International Paper

11:20 Presentations

- **Smart Planning & Digitization**
Bart Verbruggen, OM Partners
- **The way to the flat corrugated board**
Marek Motylewski, Mondi

12:20 Questions and Answers

12:30 Break

12:40 Spotlights Session 1

13:40 Lunch on the exhibition floor

14:55 Conference video 1

15:00 Presentations

- **White paper parameters and their impact on the corrugated and printing process**
Panu Räsänen, Metsä
- **Digitalization in strength estimation of corrugated materials**
Tomasz Garbowski, Poznan University of Technology
- **EU policies and their impact on corrugated**
Krassimira Kazashka, FEFCO

16:20 Questions and Answers

16:30 Coffee break and exhibition visit

17:40 Spotlights Session 2

18:40 - 19:00 - HP Sponsored programme

19:00 **Sponsored Cocktail Reception**



DAY 2 - THURSDAY 10 OCTOBER

08.30 Conference video 2

Sessions Chaired by Klaus Lüke, Klingele - Edoardo Finotti, Model Group - Astrid Odeberg Glasenapp, RISE

08:35 Presentations

- **The conventional and digital way of converting**
Marcel Heller, Model - Klaus Lüke, Klingele
- **Mastering maintenance – advantages and needs!**
Steve Parr, Smurfit Kappa
- **The role of Artificial Intelligence in mastering process reliability**
Richard Jeffers, RS Components

09:35 Questions and Answers

09:45 Coffee break and exhibition visit

11:00 Spotlight Session 3

12:00 Spotlight Session 4

13:00 Lunch on the exhibition floor

14:15 Presentations

- **The new FEFCO Folding Specification with tools**
Michael Frey, Consultant
- **Mastering moisture!**
Jesper Berthold - Astrid Glasenapp, RISE
- **Digital printing and food contact – an overview**
Thomas Gude, SQTS

15:15 Questions and Answers

15:25 Coffee break and exhibition visit

16:30 Spotlight Session 5

17:30 Spotlight Session 6

18:30 - 19:15 - HP Sponsored programme

DAY 3 - FRIDAY 11 OCTOBER

08.30 Conference video 3

Sessions Chaired by Marc Van Damme, PC Chairman - Antoine Renaer, DS Smith Packaging - Hervé Dehaynin, SAICA - Julian Pachniewski, VDW

08:35 Presentations

- **The e-commerce experience and solutions**
Santiago Soria, DS Smith
- **Sustainability is an essential part of our business**
Outi Marin, Smurfit Kappa

09:30 Questions and Answers

09:40 Presentations

- **Machine safety in practice**
Stefan Buchner, Smurfit Kappa - Sabine Nellen, Mondi - Richard Lancaster, VPK Group
- **Safety Innovation Award winner presentation**
Safety Award ceremony
Angelika Christ, FEFCO

10:20 Coffee break and exhibition visit

11:15 Presentations

- **Training your employees. Good practices!**
Pawel Rogalka, SPP Poland - Semih Çelebi, IP - Klaus Lüke, Klingele and Ulrich Wolz, Bahmüller
- **New market approach in a new environment**
Greg Tucker, Bay-Cities

12:25 High-level panel discussion “Looking into the future: turning challenges into opportunities”

Jan Klingele, Klingele - Saverio Mayer, Smurfit Kappa - Richard Coward, VPK Rigid - Sarah Model, Model - Greg Tucker, Bay-Cities

13:10 **Award Ceremony and Conference closing**
Angelika Christ, FEFCO

13:40 Lunch followed by coffee on the exhibition floor

14:30 Exhibition closes - End of the Technical Seminar



Spotlights

DAY 1 - WEDNESDAY 09 OCTOBER

Session 1		12:40-13:40
Brand	Speaker name	Spotlight title
BillerudKorsnäs	Lars Sandberg	The paper battery project
KLABIN	Ricardo S. F. da Quinta	EUKALINER - the future of the containerboard
Metsä Board	Ilkka Harju and Tarja Heikkilä	Innovative hermetic sealed corrugated packaging for direct food contact
Mondi	Serhiy Luzan	KraftTOP Liner White - a new white hybrid grade by Mondi
Göpfert	Ralf Schiffmann	Latest News from Göpfert
BHS Intralogistics	Helmut Kraus	BHS iMotion - the autonomous roll handling system
Borregaard	Steen Jacobsen	Exilva innovation – your new glue options
Fosber	Tim Straker	Fosber RealTime Production Supervisor (RPS)
Mühlen Sohn	Armin Birzele	The new belt generation with hybrid aramid edge protection
Re Controlli Industriali	Mauro Vitali	RotoSpring the NEW Spring ejection core chuck
Session 2		17:40-18:40
Brand	Speaker name	Spotlight title
Valmet	Mikko Talonen	Valmet IQ – Perfect match for Corrugated board process
Weducon	Hermanus Bakker	Dust removal on corrugated board - from nice-to-have to essential
BW Papersystems	Martin McTigue	BW Papersystems – From Sheet to Box
Alliance	Dirk Mermans	Mastering your Productivity
Apex International	Remo Friebe	Maximum flexibility with high stability in the flexo printing unit
Bahmüller	Christoph Gutmann	How digital methods optimize the process on SFG and FFG
Baldwin Technology	Ulrich Sause	Intelli-Sense Automatic Board Temperature Control
BOBST (Grenchen)	François Martin	E-commerce - Corrugated box making in a changing world
CITO-SYSTEM	Melissa Monster - van Golverdingen	Ejection material becomes sustainable business enabler
CUIR	Fabien Val-Duprez	The MRV I/O by CUIR

DAY 2 - THURSDAY 10 OCTOBER

Session 3		11:00-12:00
Brand	Speaker name	Spotlight title
Dücker (Sweden)	Dominique Ravot	Duecker, your expert in peripheral solution
EDF Europe	Enrico Galloni	New EDF Europe converting lines technological innovations
EMBA Machinery	Olof Ronquist	Ultima Technical Platform
Engico	Daniele Mazzola	Dual size changes paradigms in corrugated
BOBST (Lyon)	Olivier Robin	New BOBST THQ FlexoCloud Technology
TRESU	Chris Wolters	"Where less is more" engineered by TRESU
Valco Melton	Dave Swedes	GapChek Vision System for Manufacturer's Gap Measurement
AVCO	Vincent Pelletier	Video Inspection for Quality Assurance in Corrugated Industry
Duo-Technik	Lars Keller	Productivity & Quality increase with duo cleaning products
Macarbox	Irina Strugova	High speed single pass Laser Cutting and Creasing of corrugated board

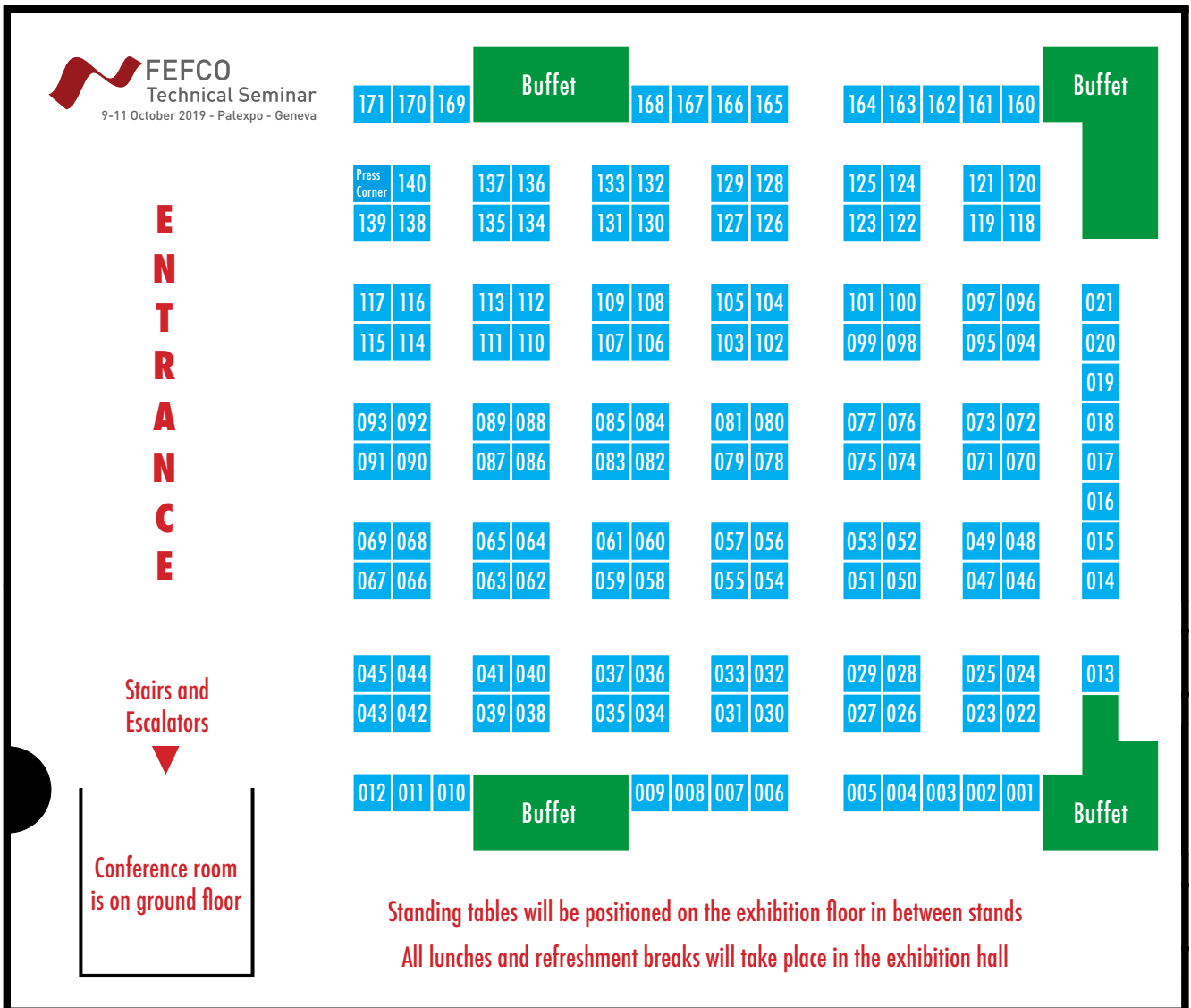
Session 4		12:00-13:00
Brand	Speaker name	Spotlight title
Koenig & Bauer	Michael Donnert	Koenig & Bauer and Corrugated – What has been achieved?
Flexo Concepts	Bernat Ferrete	The Importance of Correct Doctor Blade Selection and Installation
Toyo Ink	Yuichi Sato	Waterbase ink technologies
ATS	Michael stadler	Banding – the new state of the art: ecological, economical and practical
Barberan	Dennis van IJzerloo	What's new in digital
Durst	Wolfram Verwuester	From Pixel to Output
EFI - Electronics for Imaging	Andrew Bennett	#Better than now
HP	Ted Samotis	The technology behind optimizing the cost of digital printing while maintaining offset quality
Erhardt+Leimer Corrugated	Ralf Schomaker	Modular workflow solutions for digital (pre) print for corrugators
Highcon	Aviv Ratzman	Agile Production with Digital Finishing
Session 5		16:30-17:30
Brand	Speaker name	Spotlight title
Kiwiplan	Steve Whillis	Industry 4.0 – Why systems are so important
ISRA VISION AG	Hewig Lutz	Avoid Penalties from your customer - Increase Profitability by Print Inspection
Elitron IPM	Paolo Malatesta	The future today
FEMAT	Tomasz Gajewski	Corrugated box strength estimation methods - new tools
BOBST (Mex)	Arnaud Jolliet	Process Optimization
Karimov	Robert Karimov	ixs-pal® integrated pallet system
Lemtapes	Sami Liponkoski	Sustainable reinforcement tapes
RISE	Sandra Pousette	The Black Box of E-commerce
Pamarco	Anne Lander	Cleaning and Maintenance for anilox using the Cleaning Plate
SMB	Karl Heinz	SMB COR flex – strapping and banding of folded boxes in one machine
Session 6		17:30-18:30
Brand	Speaker name	Spotlight title
AL-GAR	Daniel Vidal	Sheet/Box Counter
Ammeraal Beltech	Nelles Hermann	Ultra-Fit/Two Part Sprocket - The Maintenance Revolution
Avanti Conveyors	Simon Mander	Materials Handling: The Final Frontier
BHS Corrugated	Bernhard Müller	HyperBlade
Dücker (Germany)	Torsten Ristow, Ilmay Karamanlar, Stephan Bruns	Hybrid-Intermediate-Storage-Systems (HISS) for high capacities and new printing technologies
MINDA	Isem Akrouf	MINDA has the overview!
MuK	Christoph Gutmann	New Process Automation for the front end of SFG-lines
OMS	Martin C. Müller	Highest Performance meets Lowest Production Costs
Siegwerk	Matthieu Carni	Inkjet inks for corrugated packaging
Tigital Inks & Powders	Agusti Ninou	Digital solutions for Industrial world

List of exhibitors

	STAND NUMBER
Absolute	67
Albany	80
AL-GAR	105
Alliance	1
Ammeraal Beltech	24
Apex International	52
ASAHI	165
ATS	88-89
Avanti Conveyors/Inspire Automation	43-45
AVCO	139
Bahmüller	72-73
Barberan	36-37
Baumer hhs	169
Baviera	31
BCM Transtech	66
BHS Corrugated	134-135-136-137
BillerudKorsnäs	34 - 35
BOBST	90-91-92-93
Borregaard	30
BP Agnati	3 - 4 - 5
BW Papersystems	68-69
Cargill	96-97
Celmacch	32-33
CITO-SYSTEM	19
Conprinta	112
Corr24	130-131-132-133
CUIR	168
Dücker	54-55-56-57
Duo-Technik	166 - 167
Durst	162-163
EDF Europe	82-84
EFI	26-27-28-29
Elitron IPM	113
EMBA Machinery	79-81
Emmepi Group	51-53
Engico	14
Erhardt+Leimer	39
Feltri Marone	42-44
FEMAT	6
Flexo Concepts	85
Fosber	58 - 59 - 60 - 61
Fossaluzza	94
Friese	110-111
G Technologies	7
Ghelfi	20
Göpfert	70-71
GTS (Europe)	98
Hamburger Containerboard	102-103

	STAND NUMBER
Highcon	129
HP	63-65
ISRA VISION	119
JB Machinery	12
JD Engineers	2
JKSP	11
Karimov	13
Karl Marbach	101
Kiwiplan	9
Koenig & Bauer	160-161
Lamina	49
Lemtapes	164
Macarbox	122-123
Marotech	22
Mayr-Melnhof Karton	8
Metsä Board	86-87
MHI Europe	74-75-76-77
MINDA	23-25
Mondi	118
MOSCA	64
Mühlen Sohn	104
NE Engineering	124-125
OM Partners	128
OMS	48
Pamarco	116 - 117
Policart	78
Re Controlli Industriali	62
Renova	83
RTS	50
SEEMI	46
SERRA	95
Siegwerk	138
Signode	170-171
SMB	16
SRC	15
Sun Automation	106-107-108-109
Tiruña	40-41
Toyo Ink	47
TRESU	114-115
TS Group	17-18
Valco Melton	38
Valmet	126-127
VALSIDER	121
Vanden Bos CM	140
VEGA	99
VoluPack	100
Weducon (Corrucleaner)	10
Weipong Machinery	120
Witron	21

Floorplan



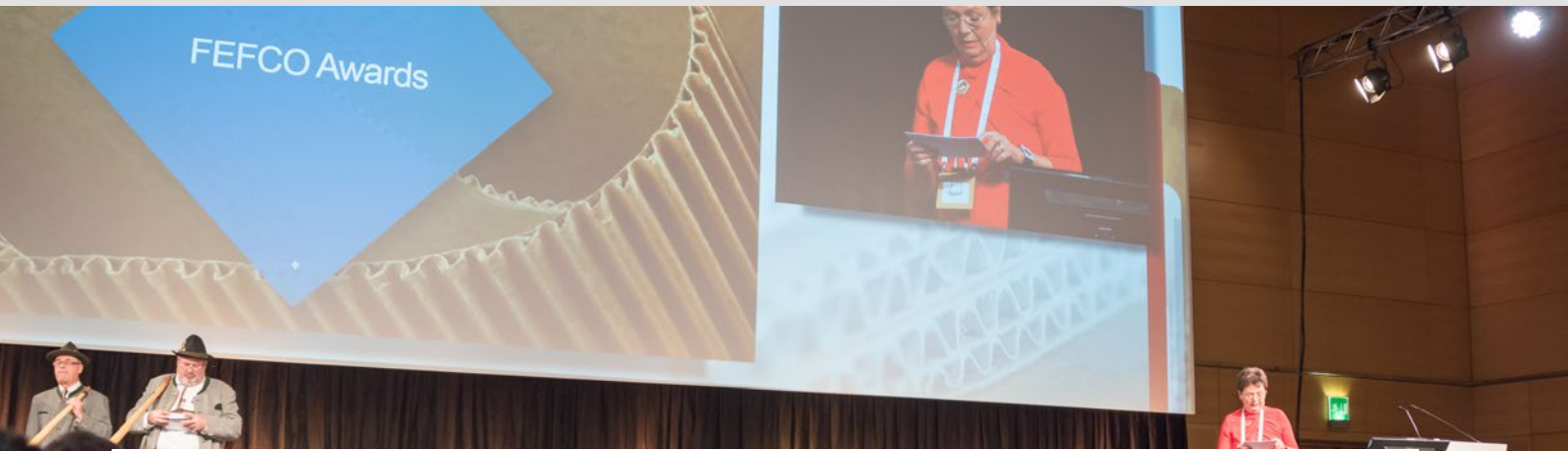
Useful information

- **Palexpo** - Route François-Peyrot 30
Case postale 112,
CH-1218 Le Grand-Saconnex,
Switzerland
www.palexpo.ch



- The FEFCO exhibition will take place in **Hall 1** and the conference will be held in the Congress Centre just below the exhibition hall
- **Free public transport in Geneva:**
How does it work? When checking in, you will receive the Geneva Transport card which will enable you to use all public transport, free of charge during the entire duration of your stay.

- At the airport visitors can claim an **80-minute ticket** at the airport baggage hall for a free bus or train ride to Geneva.
- Geneva tourism information:
www.geneve.com



The FEFCO Awards

The Spotlight is a 6 minute presentation featuring innovations in production and/or a service related to corrugated board manufacturing.

The sessions are fully integrated within the conference programme and open to all attendees. They always generate a great deal of interest amongst our delegates.



The FEFCO jury is composed of members of the Production Committee who choose the winners for the following categories:

- Best Innovation (Gold, Silver and Bronze Award)
- Best presentation
- Sustainability Award
- Special Award for the most inspiring new FEFCO member

The Award Ceremony will be held on **Friday 11 October at 13:10.**



The FEFCO award is a special recognition of suppliers' innovations that bring the corrugated industry to a new technical level. A long-standing tradition in the Technical Seminar, the award is still highly valued by members.

Angelika, Christ FEFCO

FEFCO Health and Safety Award

The Corrugated Industry is continuously working to improve health and safety features and procedures. Machine and process safety are crucial elements in accident prevention at our plants. Many incidents can be prevented by designing, installing, operating and maintaining safer machines.

In order to underline the importance of health and safety, FEFCO has decided to honour suppliers that deliver outstanding improvements with a FEFCO Safety Innovation Award. The ceremony will take place during the official programme of the Technical Seminar 2019 in Geneva.

The Safety Innovation Award is a joint initiative of the FEFCO Health and Safety Committee and the FEFCO Production Committee.

The Health and Safety Award Ceremony will be held on **Friday 11 October at 10:15.**

FEFCO Lifetime Achievement

For the second time, FEFCO will present awards to managers from the industry in recognition of their lifelong commitment to driving forward technical developments within the corrugated industry.



New FEFCO Members 2019

A big welcome to the new members who have recently joined FEFCO!

Sympathiser

AGFA

www.agfagraphics.com

Belgium

AVCO

www.avenirvision.com

France

BHS Intralogistics

www.bhs-intralogistics.com

Germany

FEMAT

www.fematsystems.pl

Poland

Ghelfi

www.ghelfiondulati.com

Italy

GTS (Europe)

www.gtseurope.co.uk

United Kingdom

Highcon

www.highcon.net

Israel

ISRA VISION

www.isravision.com

Germany

MuK

www.muk-elmshorn.de

Germany

NE Engineering

www.ne-engineering.it

Italy

OMS

www.omsspa.com

Italy

Toyo Ink

www.toyoink.com.tr

Turkey

VALSIDER

www.valsider.com

Switzerland

Van Den Bos Corrugated Machinery

www.vandenbos-cm.nl

The Netherlands

VoluPack

www.volume-software.com

France

Weducon

www.weducon.com

Netherlands

Weipong Machinery

www.weipong.com

China

Wirflute-Wizliner

France

Zecher

www.zecher.com

Germany

Corresponding

Royal Containers Limited

www.royalcontainers.com

Canada

GPC Papier et carton

www.gpccarton.com

Morocco

Technopack LLC

www.technopack-sy.com

Syria

FEFCO would like to thank all the Technical Seminar Sponsors

Metsä Board

Event main Sponsor

HP

Workshops - sponsored programme

BHS and HP

Catering areas

BHS

Wi-Fi, signage

Macarbox

Delegate Corrugated suitcase

Fosber

Directional signage

Baumer hhs and Valco Melton

Badges & Lanyards

Apex, EFI, Elitron and Engico

Seminar E-Newsletters

EFI

Corrugated stools and give-aways



The FEFCO app

Get the app and find the FEFCO event

1. Go to your app store or play store and search for **AttendeeHub**
2. Download the **CrowdCompass AttendeeHub** app
3. Write **FEFCO** in the search bar
4. Click on FEFCO Technical Seminar 2019 and download
5. Enter **event code: TS2019**

Remarks:

If necessary, please delete the previous FEFCO app from your phone.

CrowdCompass apps require iOS 11 and higher or Android 7.0 and higher.

This app is upon invitation only, if you have not provided FEFCO with your e-mail address, you will not be able to use it.

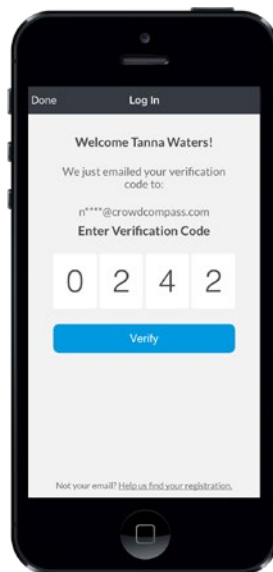
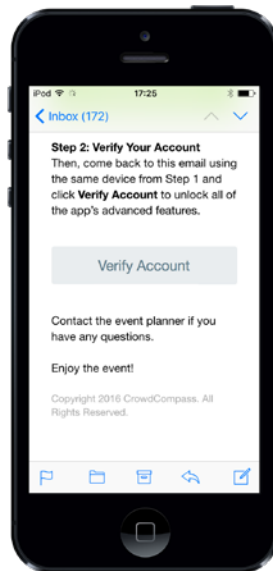
N.B: BlackBerry devices, Windows Phone users, and desktop computers can access the app via the web-based version. The URL for this is: <https://crowd.cc/fefcots2019>



Login is a must!

To get the most out of the app login following the steps below:

1. Click on Log in
2. Enter first name and last name
3. The app will send a 4-digit code to your email
4. Check your email and note the code
5. Enter the code in the app



What are the benefits of using the FEFCO Technical Seminar app?

LEARN

- Speaker's biographies, photos and schedules
- Conference and spotlight programme
- Exhibition plan and exhibitors' profiles
- Real-time event listings
- Connect & interact
- Private networking feature
- Participants and speakers list
- Speaker rating
- Questions to the audience
- Q&A sessions: ask your own questions

PERSONALISE

- Customise and save your own personal event schedule
- Take notes to share with your colleagues
- Exclusively available to participants with password-secured access. iPhone®, iPad®, Android®, Blackberry®, Mobile web



Event Guide

PROGRAMME

View the full programme. Click "Add to Schedule" to automatically add to your personalised agenda.

MAPS

Navigate the event through the floor plans. You can also check the location of your hotel!

EXHIBITORS

Discover the exhibiting companies. Click on the company's name and visit the company website.

SPEAKERS AND SPOTLIGHT PRESENTERS

Learn more about the presenters by selecting the person's name within the list. You can tap on the speaker's name to see their biography.

ASK A SPEAKER A QUESTION

Click on the Speakers icon and follow the procedure.

PARTICIPANTS

Connect with your fellow attendees by exchanging your "digital business cards". Any new contacts made will be housed within the "My Contacts" section of the app.

SEARCH

Quickly locate any specific sessions, descriptions or speakers. Tap on the open text box at the top of the page to enter a keyword of what you are looking for.

PRACTICALITIES

Learn more about access to the conference venue, bus transport and Geneva.

AND MUCH MORE

Check the mob app for the sponsored activities, press, hotels and at a later stage conference participants will be able to download the PDF of the conference presentations (a notification will be sent out).

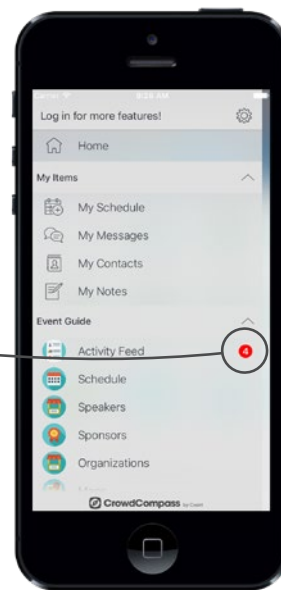
How to use the Side Bar

You need to click on the "hamburger menu" on the left top of the FEFCO app to go back to the home page.



Log in for more features such as: the event feed, your personalised agenda, your notifications and updates from FEFCO (see the red alert in the top menu).

You can also view the contacts you have made during the event or notes you have taken.





CREATING PACKAGING OF THE FUTURE

Improve sustainability, efficiency and brand image with our premium lightweight paperboards. Together we can create better brand experiences with less environmental impact.

**Learn more about our white kraftliners
at FEFCO Technical Seminar 2019
– Stand 86–87, Hall 1**

www.metsaboard.com

