

# CLEXTRAL

## EXTRUSION DISCOVERY COURSE

April 10 to 12, 2018

# PROGRAM



**CLEXTRAL USA**

14450 Carlson Circle

33626 TAMPA FL

Phone : +1 813-854-4434

## APRIL 10 – DAY 1

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**7:30 AM** | BREAKFAST – HILTON

**8:00 AM - 8:30 AM** | HOTEL LOBBY – HILTON

Registration confirmation and course materials delivery

**8:30 AM - 12:00 PM** | MAGNOLIA ROOM – HILTON

- Welcome introduction
- Presentation of the Clextral Group 15 min
- Technology of complete production lines and applications 70 min

**10:10 AM** | 15 MIN BREAK

- Introduction to the extrusion process 30 min
- Raw materials in extrusion 45 min
- Preconditioning 20 min

**12:00 PM - 1:00 PM** | LUNCH – HILTON

1:15 PM: Transportation from the hotel to Clextral with Bus

**1:30 PM - 4:30 PM** | PILOT PLANT CLEXTRAL, INC.

**3 groups**

- DX co-extruded - Ev56 + 40 min
- Movie full line - conference room 40 min
- Workshop “Quality Control” (density, moisture, texture) 40 min

**Hydraulic opening of the extruder all together** 30 min

**4:00 PM**

Group picture and Clextral transport to the hotel with the Bus

## APRIL 11 – DAY 2

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**7:30 AM** | BREAKFAST – HILTON

**8:30 AM - 12:00 PM** | MAGNOLIA ROOM – HILTON

- Thermomechanical cooking in extrusion part I 60 min
- Thermomechanical cooking in extrusion part II and III 60 min

**10:30 AM** | 15 MIN BREAK

- Analysis of product quality 45 min  
*Case of the RVA Raw materials in extrusion*
- Comparative analyses between single screw and twin screws 45 min

**12:00 PM - 1:00 PM** | LUNCH – HILTON

1:15 PM: Transportation from the hotel to Clextral with Bus

**1:30 PM - 4:00 PM** | PILOT PLANT CLEXTRAL, INC.

**3 groups**

- DX Snacks complete line + Savory coating - Ev56 + 55 min
- Varieties of extruded, textures, protein fiber products 55 min
- Screw elements, shafts, die 55 min

**4:45 PM**

Clextral transport to the hotel with the Bus

## APRIL 12 – DAY 3

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**7:30 AM** | BREAKFAST – HILTON

**8:30 AM - 12:00 PM** | MAGNOLIA ROOM – HILTON

- Technology "Clip On" 45 min
- Coating and flavoring of product 45 min

**10:00 AM** | 15 MIN BREAK

- Drying of products extruded 45 min
- Future trends in extrusion technology 35 min
- Short Course Evaluation 25 min

**12:00 PM - 1:00 PM** | LUNCH – HILTON

1:15 PM: Transportation from the hotel to Clextral with Bus

**1:30 PM - 3:00 PM** | PILOT PLANT CLEXTRAL, INC.

**3 groups**

- Breakfast Cereals complete line– Ev56+ 30 min
- Ancillary equipment 30 min
- Extrusion group discussion 30 min

**3:00 PM**

Clextral transport to the hotel with the Bus