

PLANNED PROGRAM

# Plant-Based Extruded Protein Foods (TVP & HMEC)

UNITED KINGDOM

16 - 17 November 2023

Subject to minor changes.

Sponsored by

**Baker Perkins**  
schenck process group



## DAY ONE

Thursday, 16 November 2023

### Registration

Introduction & Welcome

Principles of Extruder Configuration

Protein Chemistry & Transformations

### Morning Break

Ingredients for TVP & HMEC

TVP & HMEC - The basics

### Lunch

Preconditioning

The Role of Rheology in Extrusion Processing

### Afternoon Break

Optimal Screw Profiles

Extrusion Trial #1 – TVP Demonstration at National

Centre for Food Manufacturing

### Close Day One



Dennis Forte and Associates Pty. Ltd.

Consulting Chemical and Food Process Engineers  
Email: forte1@inet.net.au

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## DAY TWO

Friday, 17 November 2023

### Review of Day 1

Texture Analysis

A Cooling Die Heat Transfer Coefficient

### Morning Break

Cooking Viscometers

HMEC Cooling Die Design

### Lunch

HMEC Process Optimization

Post Processing Operations

### Afternoon Break

Extrusion Trial #2 HMEC Demonstration at National Centre  
for Food Manufacturing

### Close Day Two