

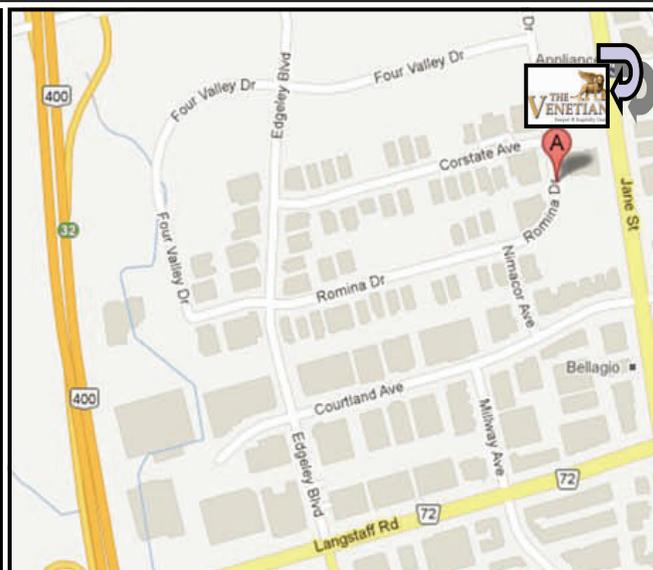
# SCC ONTARIO EDUCATION DAY

## “Lipid Academy”

—Benjamin Schwartz

TUESDAY SEPTEMBER 18th, 2018

<b>Location:</b>	The Venetian Banquet & Hospitality Centre 219 Romina Drive, City of Vaughan, ON, L4K 4V3 (tel: 905-264-9960)
<b>Fees:</b>	SCC Members—FREE (Pre-Registered)  Non-Members \$100 (Pre-Registered)  Students \$30 (pre-Registered)
<b>Schedule</b>	9-9:30am— Registration Noon— Lunch (provided) 4:30pm— Adjourned



## LIPID ACADEMY AGENDA

9:00 am Registration

9:30 am Introduction

- What are lipids? Basic lipid chemistry and lipid raw materials

### PART I.

- Sustainable processing of vegetable oils
- Oxidation and hydrolysis – factors influencing the shelf life of formulation
- Shea Butter- the essential and versatile raw material for skin care

### PART II.

- Consistency and skin feel – crystallization and rheology concepts
- Effects of emollient selection on the sensory properties in skin care
- Technologies for rinse off applications

Please note:

- Lunch will be served from noon to 1pm.
- Morning and afternoon breaks included where necessary

## Abstract:

LIPID ACADEMY – bringing lipid knowledge to the personal care industry.

Over the years AAK has accumulated extensive knowledge regarding the chemistry and properties of lipids, their modification and application, as well as the needs of customers in various market segments. For customers in the cosmetics and personal care industry, typical areas where improved understanding of lipids and lipid technology are in constant demand included lipid chemistry, crystallisation, optimizing shelf life of vegetable based ingredients and eco-design.

LIPID ACADEMY courses are built around some of the most important topics related to the development of safe and sustainable personal care products, including:

- Skin health • Lipids – essential skin nutrients • Vegetable derived, renewable sources • Sustainable processing • Shelf life optimisation • Optimal emollient blend for skin care • Creating texture by combining waxes and emollients • Consistency and skin feel • Crystallisation and rheology • Lipid based emulsifiers

## Bio:

Graduating with a Bachelor's Degree in Biological Sciences, Benjamin Schwartz began his career in Personal Care as a lab technician for The Estee Lauder Companies. After a move to the west coast, he spent 12 years as an R&D Chemist, and then Manager, for contract manufacturer Columbia Cosmetics. Through this experience he has gained an intimate knowledge of personal care chemistry and formulations. Now having joined AAK, a global vegetable oil manufacturer, he brings this knowledge and insight to the world of plant-based lipids and their applications for per-

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