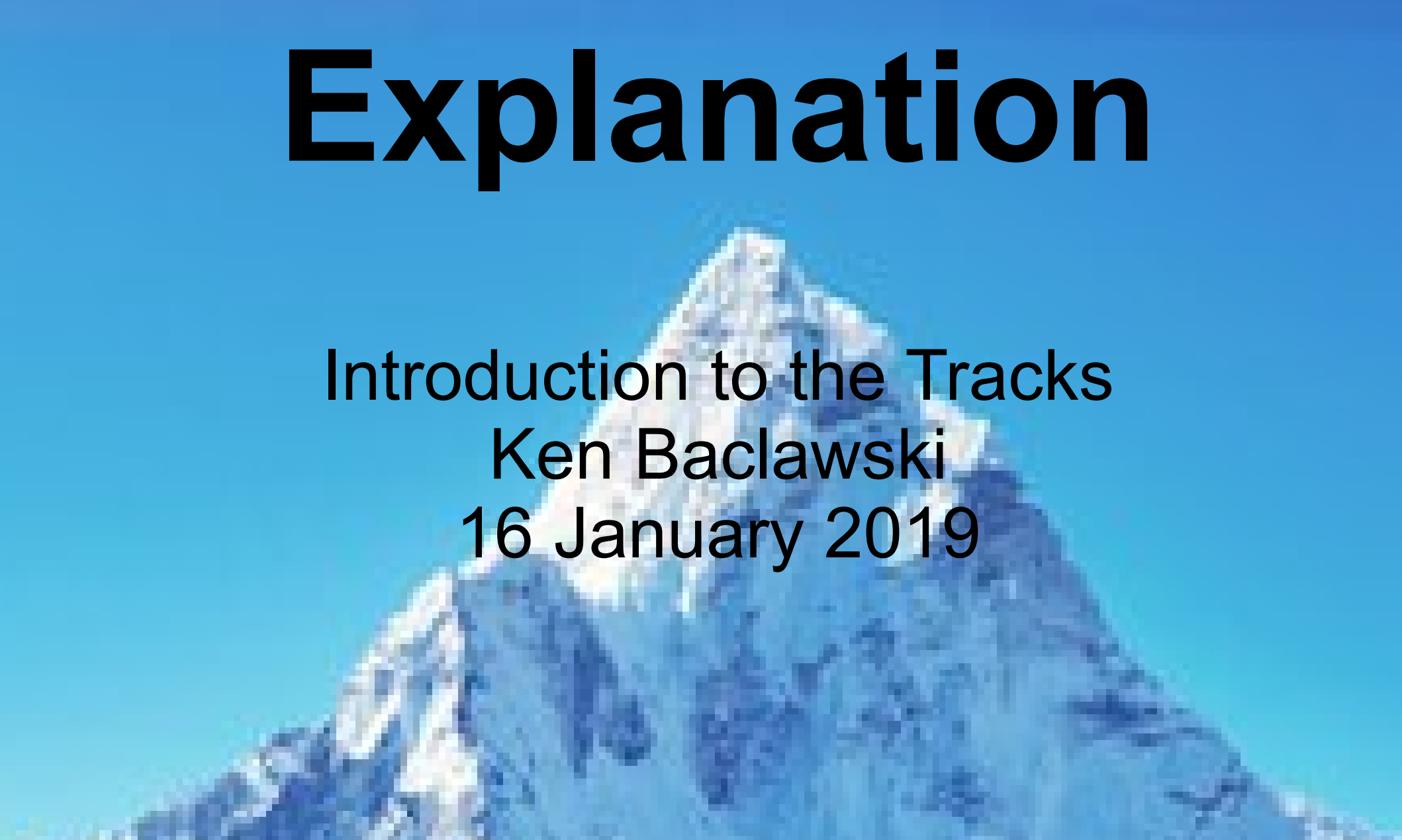


# Explanation

A pixelated image of a mountain peak with a snow-capped summit against a clear blue sky. The mountain is dark blue and grey, with the peak covered in white snow. The sky is a solid light blue.

Introduction to the Tracks  
Ken Baclawski  
16 January 2019

Ontology Summit 2019

# Outline

- Theme
- Planning and Overview
- Tracks
  - Two sessions per track
- Communiqué
  - Four sessions
- Symposium
- Challenge Problems

Ontology Summit 2019

# Theme: Explanation

An explanation is the answer to the question "Why?" as well the answers to followup questions such as "Where do I go from here?" Accordingly, explanations generally occur within the context of a process, which could be a dialog between a person and a system or could be an agent-to-agent communication process between two systems. Explanations also occur in social interactions when clarifying a point, expounding a view, or interpreting behavior. In all such circumstances in common parlance one is giving/offering an explanation.

Ontology Summit 2019

# Overview Sessions

- **Explanations and help facilities designed for people**
  - John Sowa
  - <http://bit.ly/2zPOA9T>
- **Explainable AI**
  - Ram D. Sriram, Ravi Sharma and Derek Doran
  - <http://bit.ly/2zPOBKZ>
- **Commonsense**
  - Gary Berg-Cross and Torsten Hahmann
  - <http://bit.ly/2zPOCP3>

Ontology Summit 2019

# Tracks

- **Commonsense**

- Gary Berg-Cross and Torsten Hahmann

- **Narrative**

- Donna Fritzsche and Mark Underwood with Janet Singer

- **Financial Explanations**

- Mark Underwood and Mike Bennett

- **Medical Explanations**

- Ram D. Sriram and David Whitten

- **Explainable AI**

- Ram D. Sriram and Ravi Sharma

Ontology Summit 2019

# Communiqué



- **Two Synthesis sessions**  
27 February and 10 April
- **Two Development sessions**  
17 and 24 April

Ontology Summit 2019

# **Symposium**



**6 and 7 May 2019**

**Location to be determined**

**Ontology Summit 2019**

# Challenge Problems

- Automated generation of explanations based on an ontology
- Objective evaluation of the quality of explanations

Ontology Summit 2019