# MAKING AND BREAKING IFC MODELS TO ENABLE BEPS ANALYSIS

Dr. Lucian Ungureanu

digitAEC Matters

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# AGENDA

Short Intro

About IFC files

Minimum requirements for .ifc files to enable BEPS

Making IFC files to enable BEPS

Breaking IFC files(parsing)

digitÆC matters

# Introduction

Dipl. Eng. In Civil Engineering
Msc. In Advanced Concepts in Steel Structures Design
Ph.D in 2011 Construction Management

**BIM Manager & Structural Design Engineer**
- Implementing BIM at company and project level
- Setup design automation competency

ARCADIS | Design & Consultancy for natural and built assets

**Department of Civil Systems Engineering (Berlin)**
- Research and Teaching Assistant
- Project Coordinator - H2020 Ashvin – digital twins for Construction

**Technical Lead (Berlin)**
- Consultancy and Training
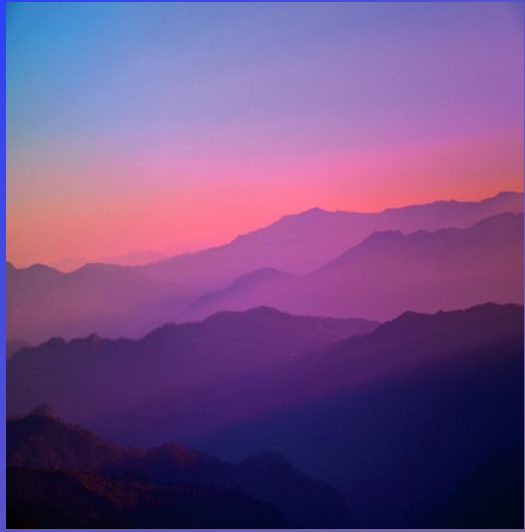- Software Development
- Data Analytics
- Simulation and Optimization

Contecht
IT Solutions for the construction industry

**Innovation Manager & BIM Manager**
- BIM Standards Implementation
- Company's development strategy

SPLENDID DEVELOPMENT
PLATFORM TECHNOLOGIES

**Founder**
- Consultancy on digitization and digitalization for AECOM
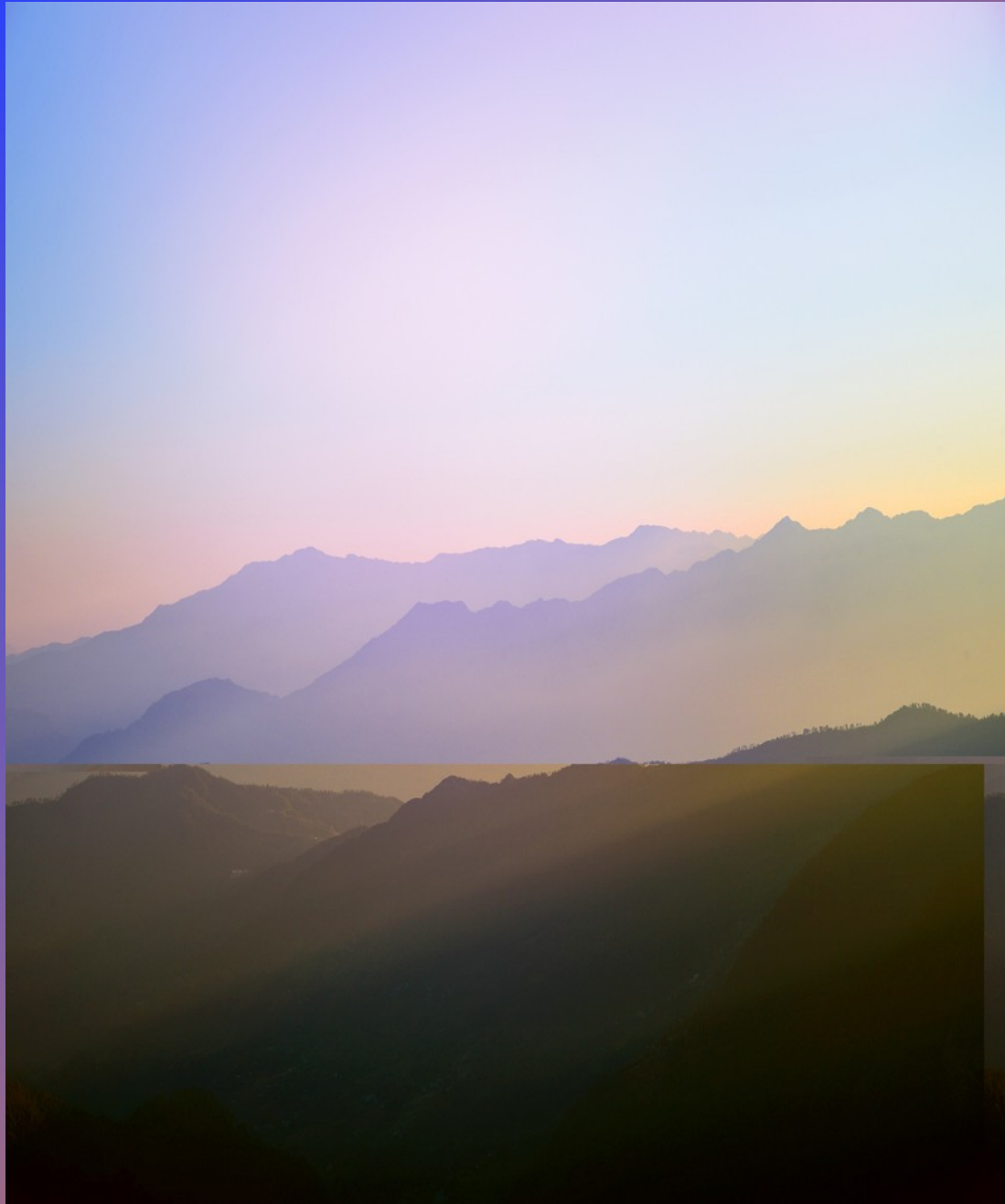- Research and Innovation

AE digitÆC matters

# Learning goals

- Understand the information requirements for BEPS

- Understand the structure of IFC files

- organize and verify the export of IFC files

- develop a script to parse IFC files

The way to get started is to quit talking and begin doing.

Walt Disney

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# THANK YOU

Dr. Lucian Ungureanu

l.ungureanu@digitaec.com

https://digitaec.com