01-introduction

January 14, 2020

1 Introduction

1.0.1 Software Release Cycle

pre-alpha -> alpha -> beta -> release candidata -> stable

1.1 What to expect

- "classic" image processing

1.2 What *not* to expect:

- Any kind of machine learning (so naturally no deep learning)
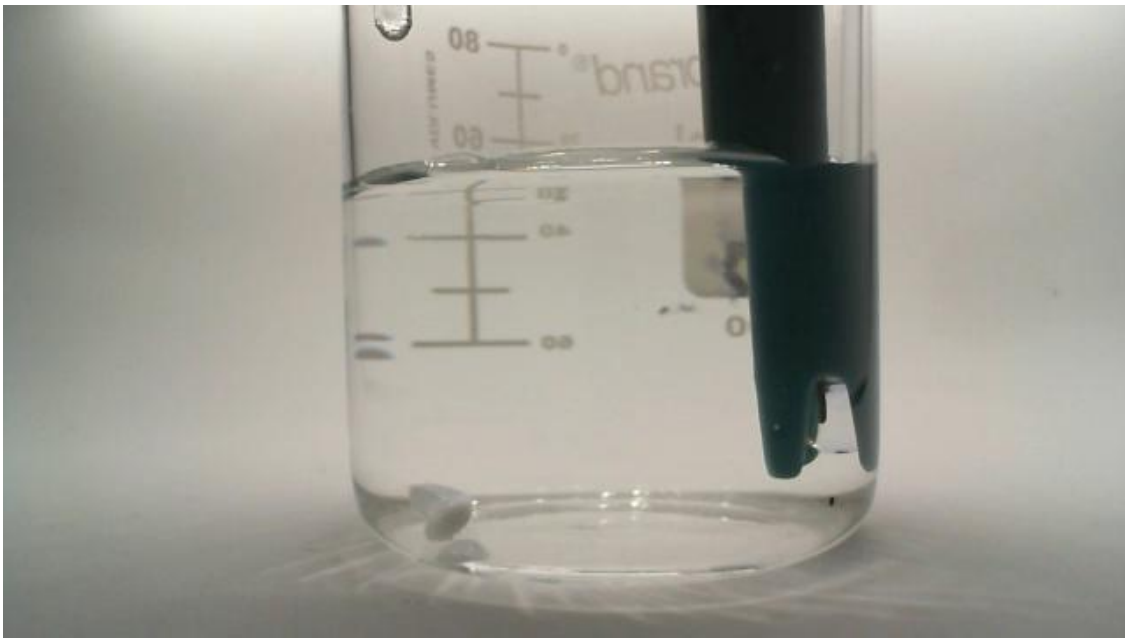
1.3 The Challenges

1.3.1 Morphometrics

- how many colonies?
- size distribution
- ...

1.3.2 Colorimetrics

- measure color characteristics
- given a movie: detect color changes