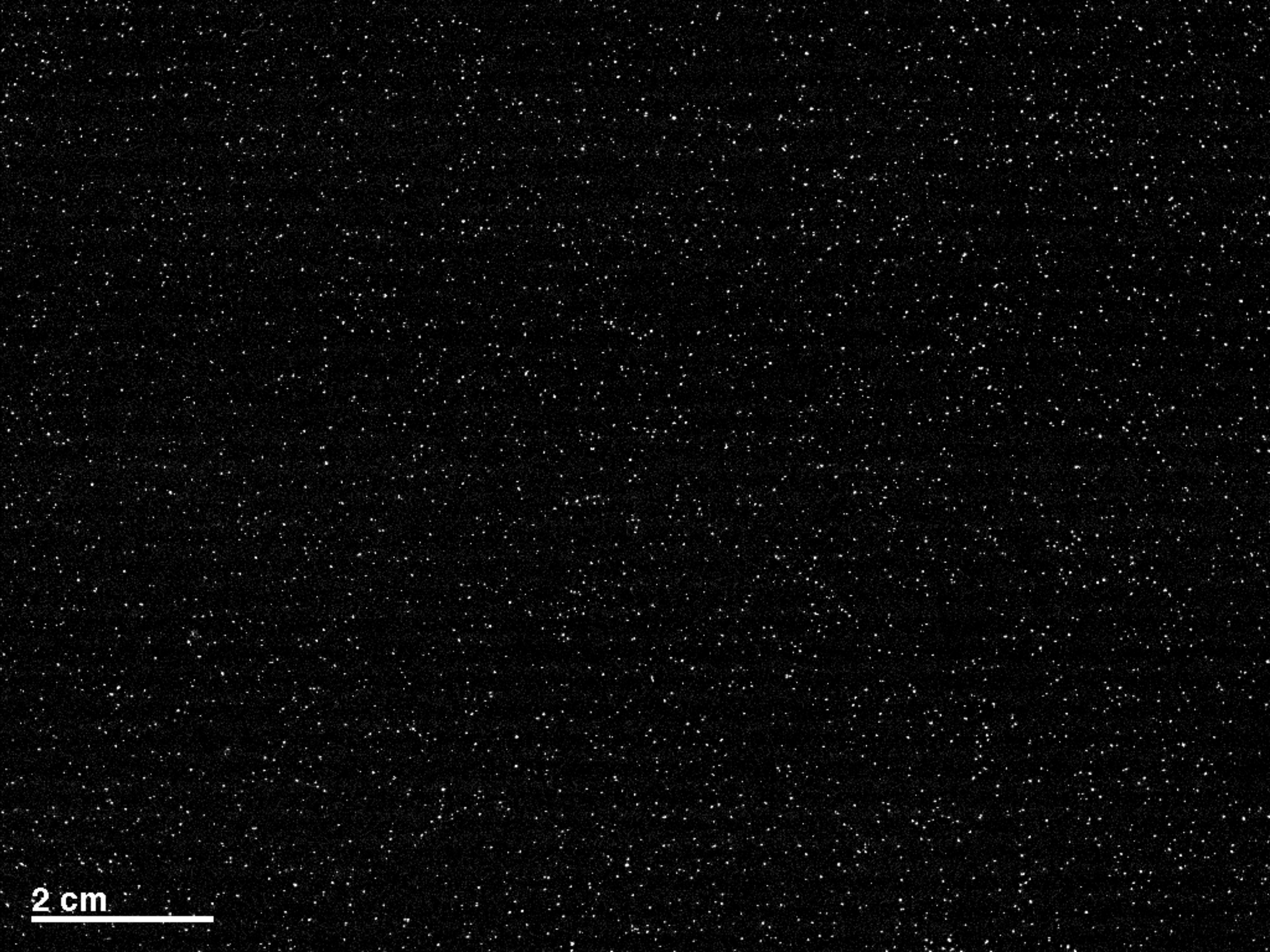


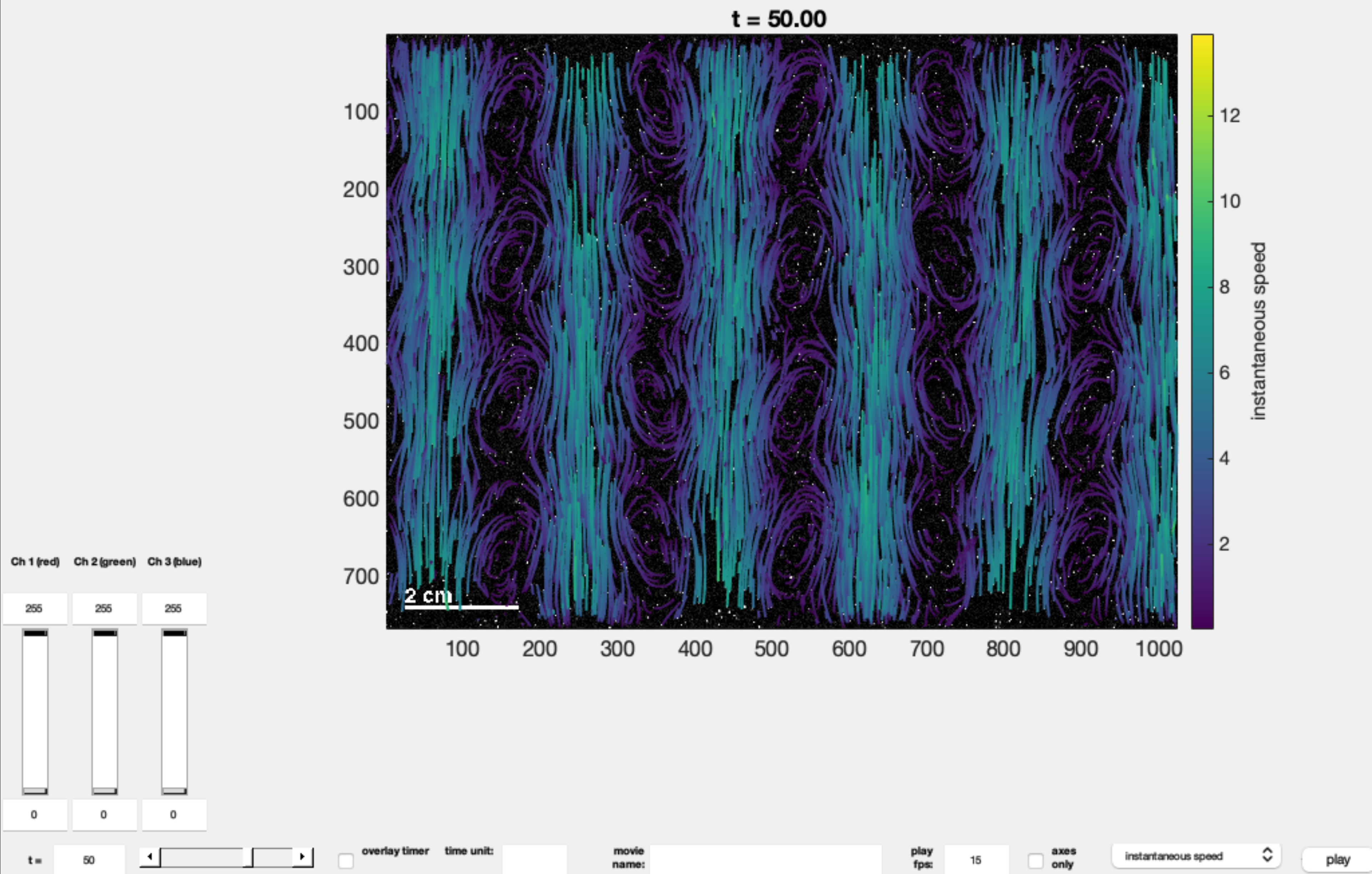
Writing a Methods section

Explain what you did so that an engineer could repeat your work.

- Post the question(s) being addressed
- State the data you used to answer this question, explaining why this data is appropriate to answer it
- Explain the experimental setup and how you made it
- Explain process of data collection
- Explain how you analyzed the data

2 cm

A black and white photograph showing a dark, granular surface, likely a mineral specimen or a rock face. The texture is composed of numerous small, light-colored grains or crystals against a dark background. In the bottom left corner, there is a white horizontal line representing a scale bar, with the text "2 cm" positioned above it.



Ex. 6.20: A linear variable differential transformer (LVDT) is a transducer for measuring displacements, which outputs a voltage. Five displacements L_i and corresponding voltages V_i are listed below. Calculate the best linear fit and coefficient of determination.

L_i (cm): 0.00, 0.50, 1.00, 1.50, 2.00, 2.50

V_i (V): 0.05, 0.52, 1.03, 1.50, 2.00, 2.56

