Si(100) vs Si(111) study of Fe particle size distribution.

- **Si(100)**:
  - Distribution of Fe particle sizes for the Si(100) surface.
  - The distribution is shown in a histogram format.
  - The x-axis represents the size of Fe particles in nanometers (nm), ranging from 0 to 120 nm.
  - The y-axis represents the count, ranging from 0 to 150.

- **Si(111)**:
  - Distribution of Fe particle sizes for the Si(111) surface.
  - The distribution is shown in a histogram format.
  - The x-axis represents the size of Fe particles in nanometers (nm), ranging from 0 to 120 nm.
  - The y-axis represents the count, ranging from 0 to 150.

Comparing the two surfaces, the Si(111) shows a more pronounced peak at 40 nm, indicating a higher concentration of Fe particles in this size range, compared to Si(100).