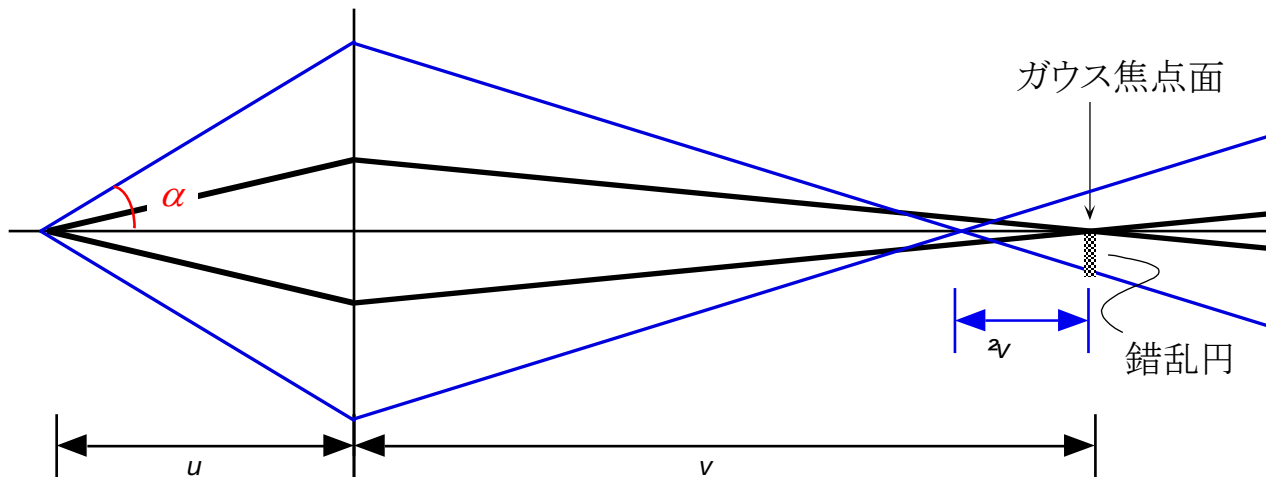
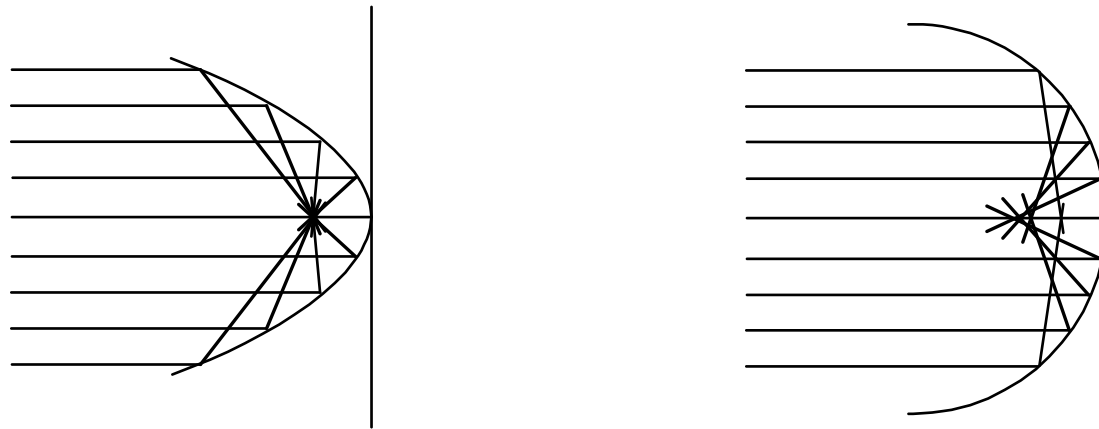


# 電子顕微鏡を用いた構造解析

# 球面収差

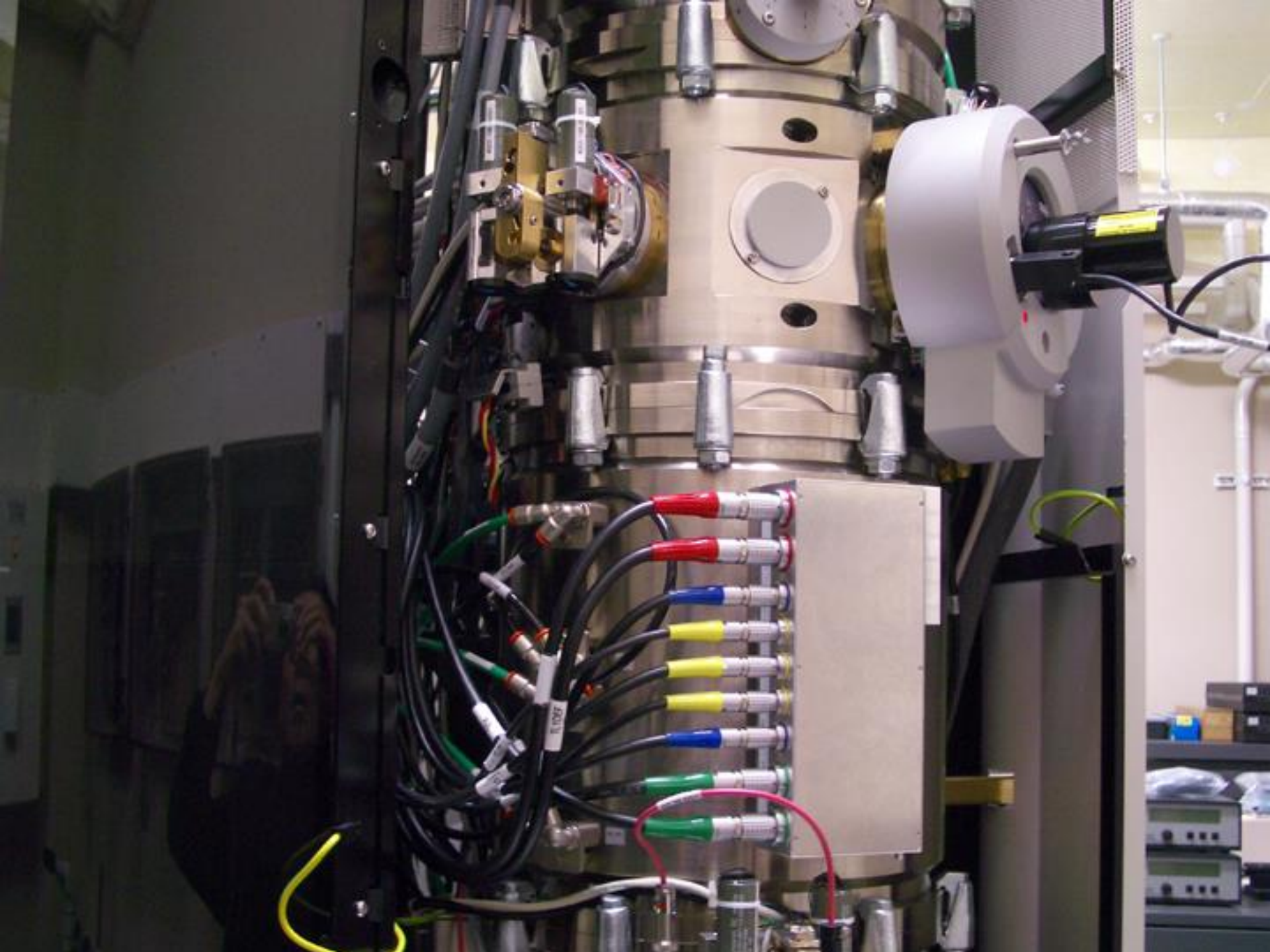


球面収差が分解能を決めている。

# 次世代の電子顕微鏡: 超高分解能、低加速 ...



収差補正型電子顕微鏡



# ソフトマター(プラスチック、木材 ...)の観察

## 【仕様】

- ◆ 日立 SU8000
- ◆ 加速電圧: 0.5 ~ 30 kV
- ◆ 2次電子像分解能: 加速電圧15kV)

## 【特徴】

- ◆ 最表面の組成、回折コントラストを捉える

## Top検出器

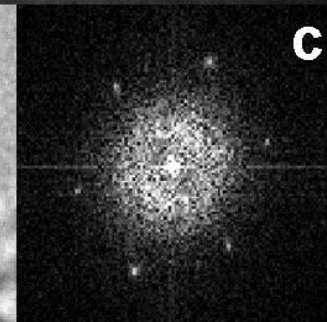
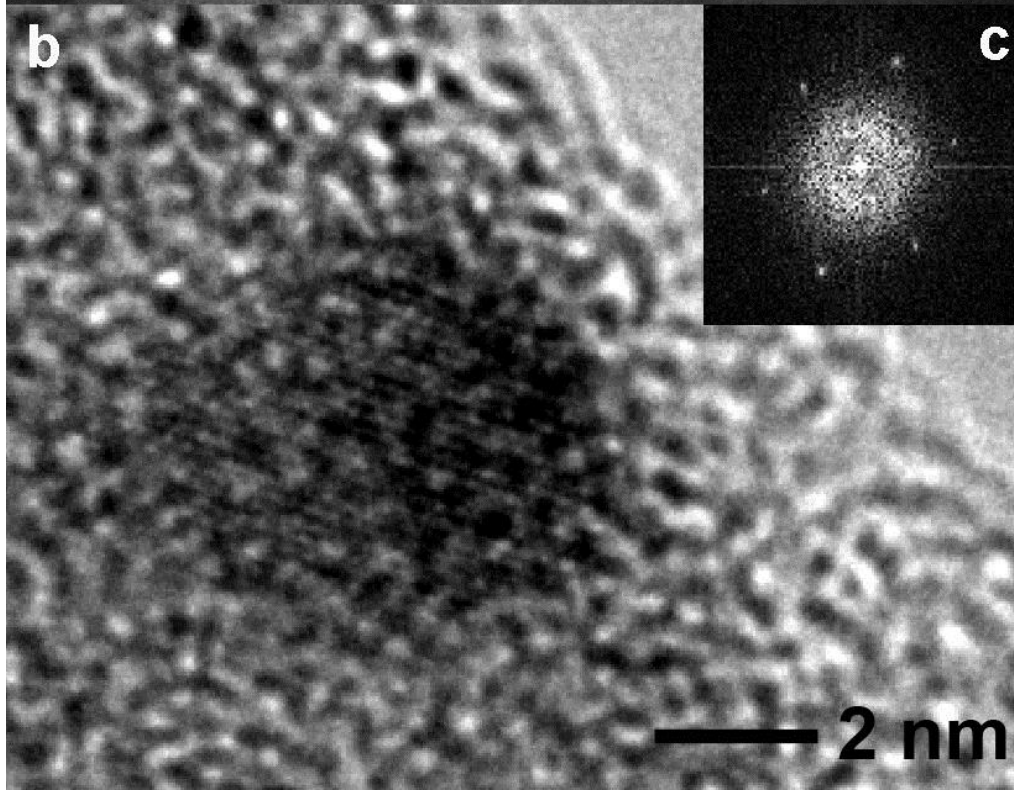
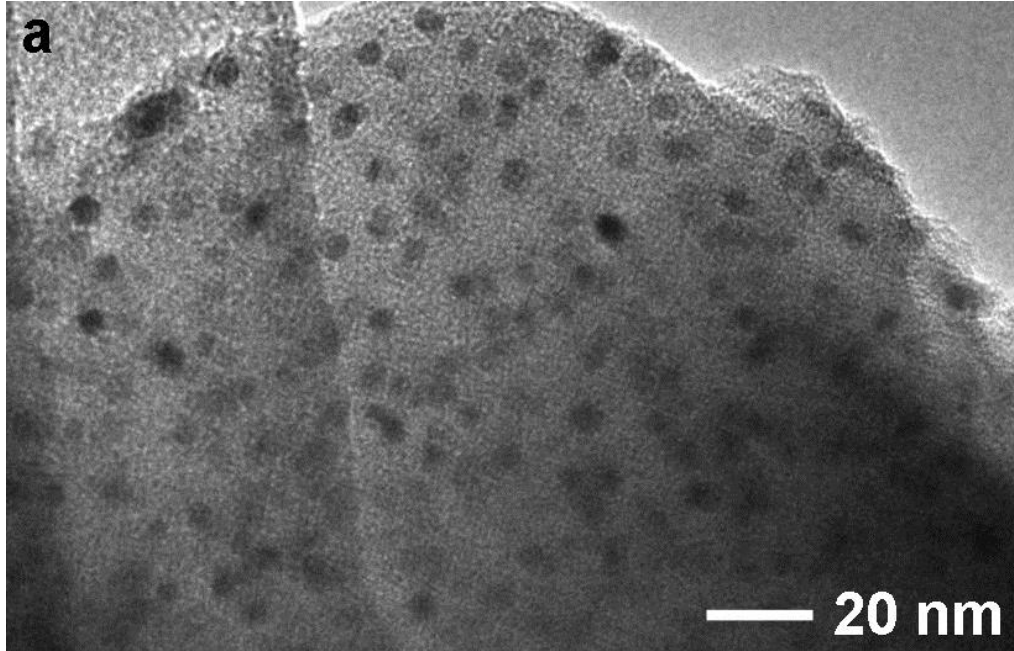
- ◆ 極表面観察時の信号検出能力が更に強化
- ◆ 絶縁物試料の帯電抑制機能

セラミックスやプラスチック試料の観察

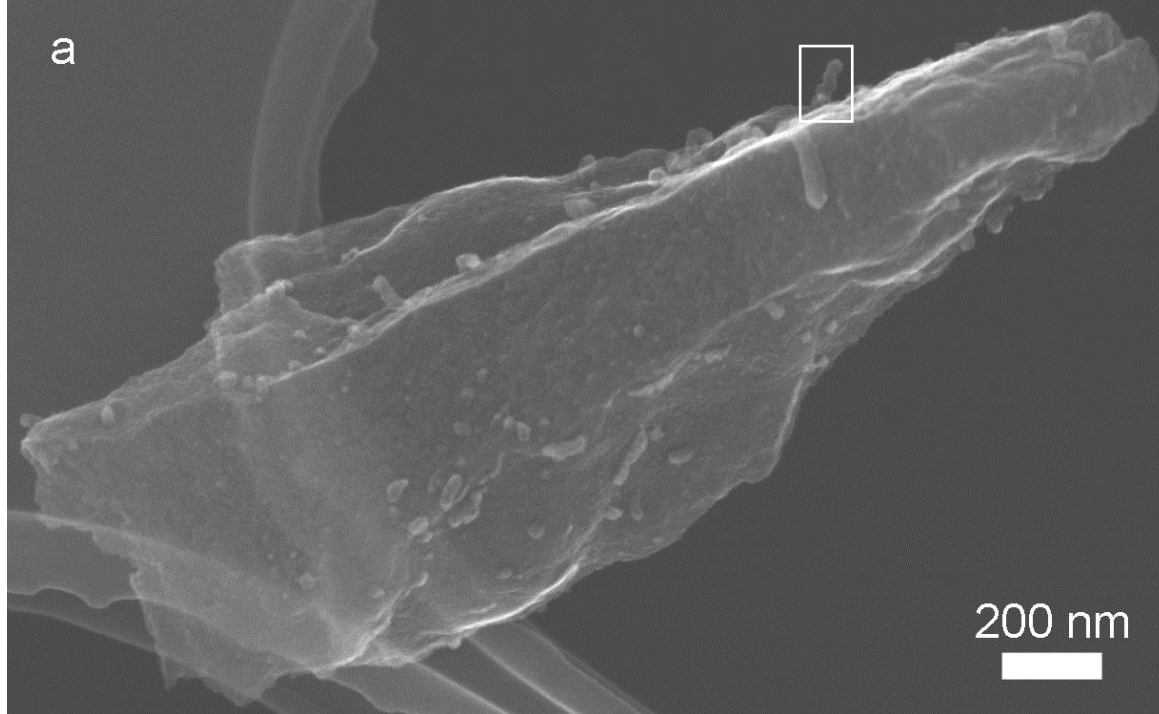
- ◆ ナノ構造解析、組成分析



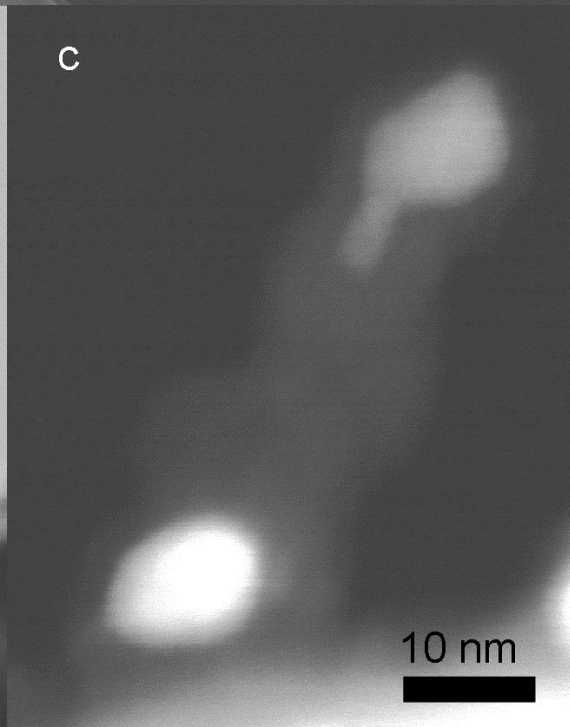
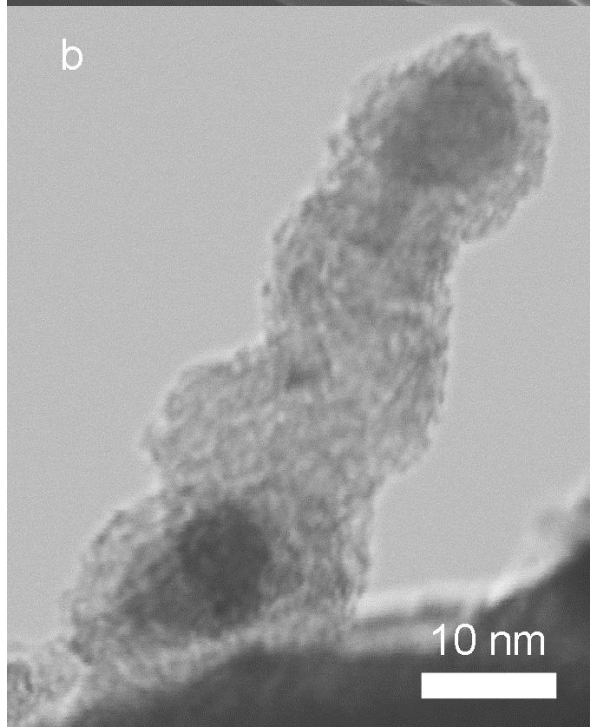
# 低加速走査型電子顕微鏡 (SEM)



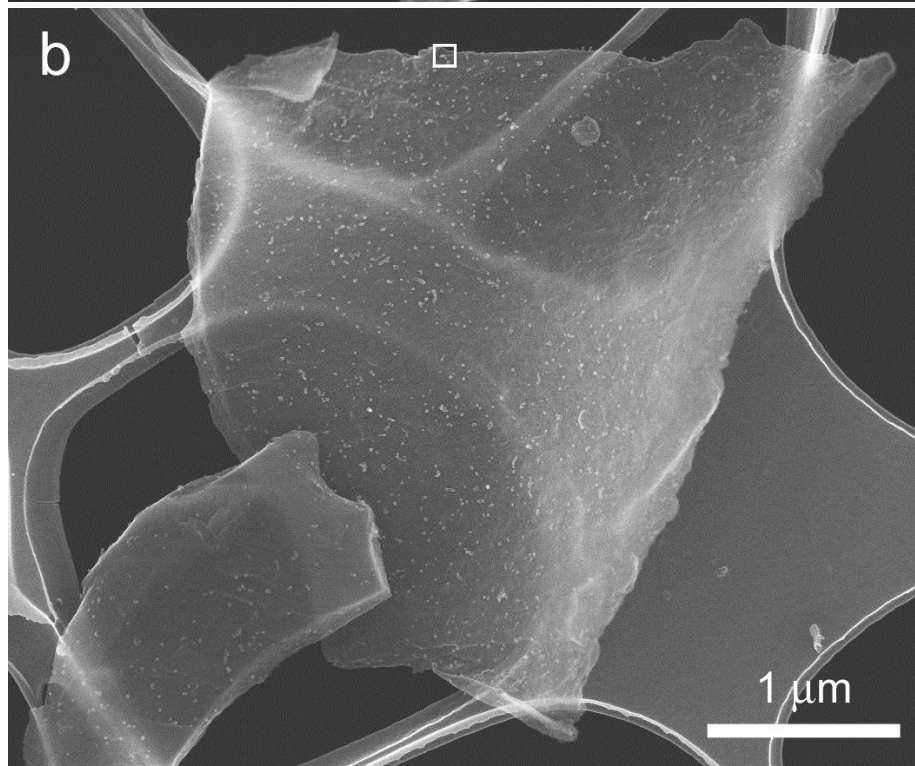
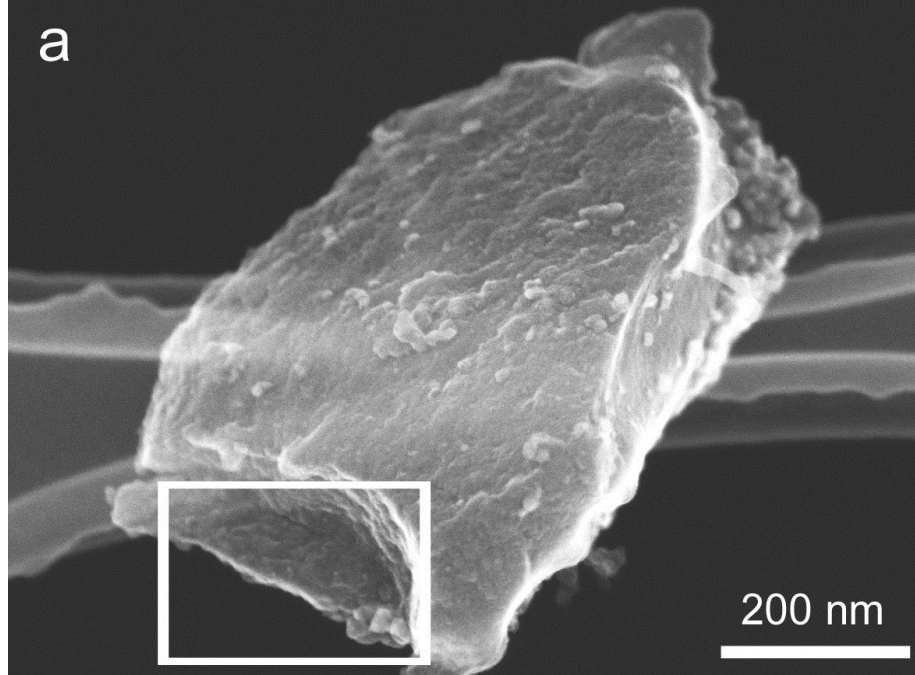
500-Ni WC  
TEM



500-Ni WC  
SEM-HAADF/BF

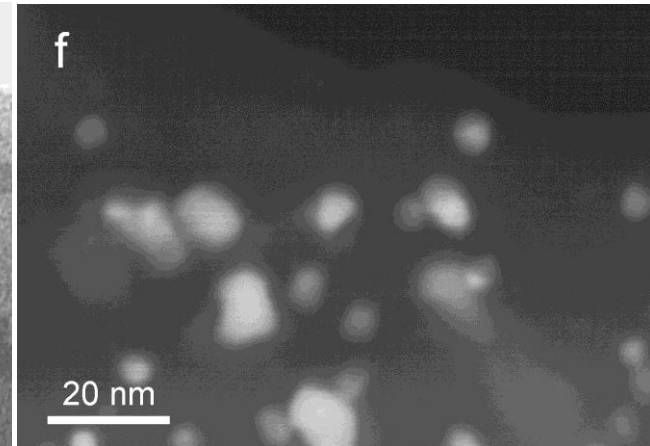
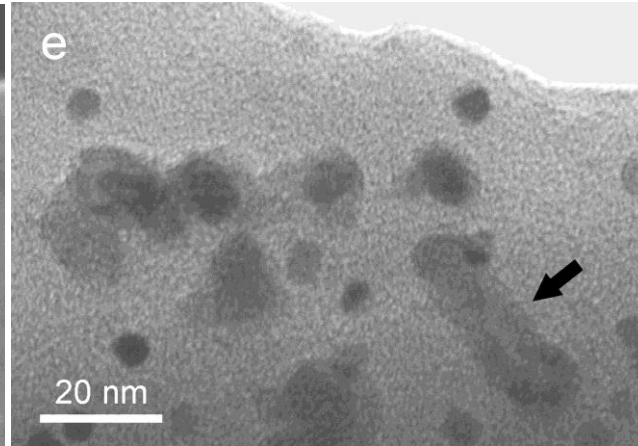
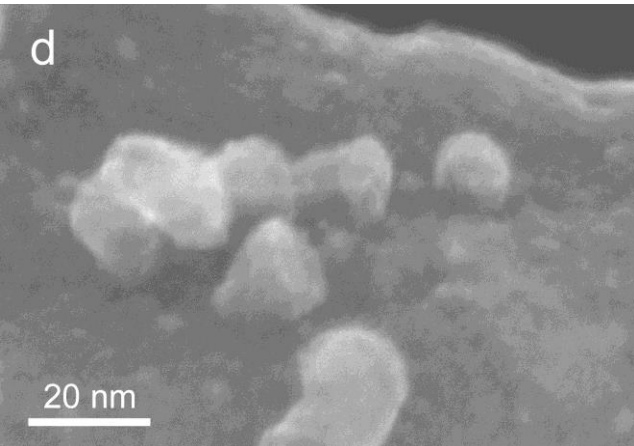
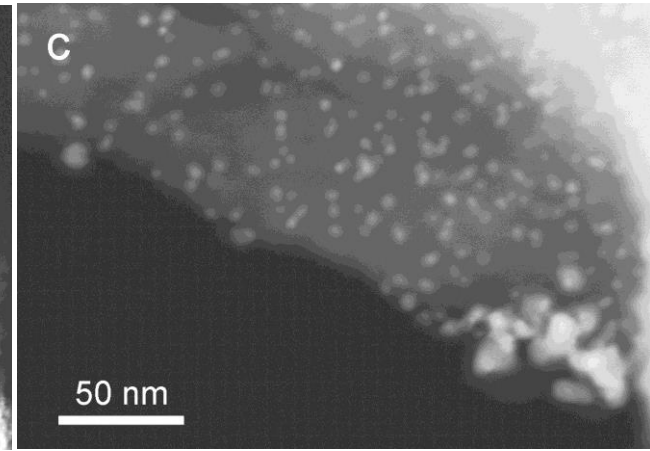
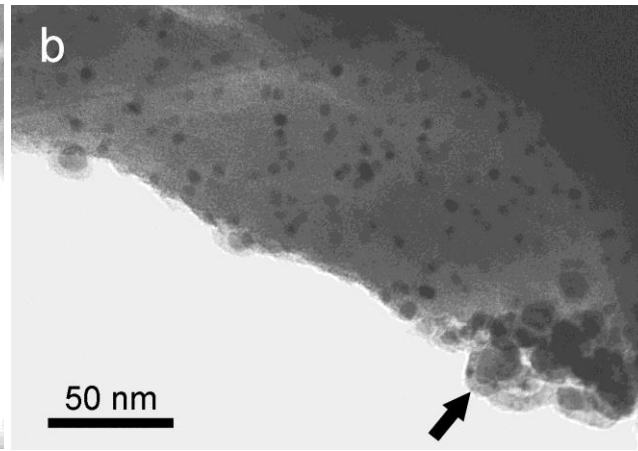
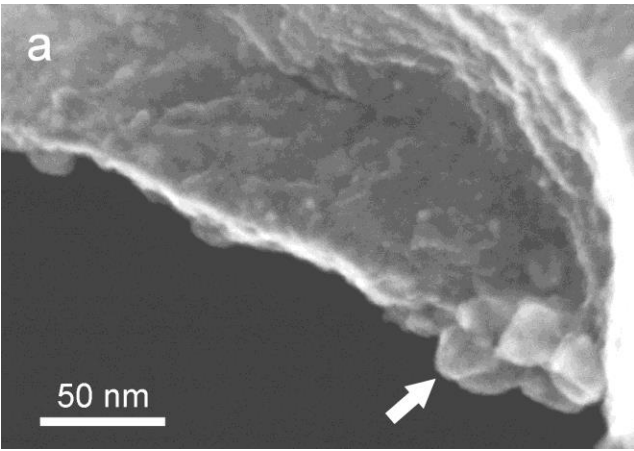


500-Ni WC  
SEM-HAADF/BF





500-Ni WC  
SEM-HAADF/BF



OA=900-Ni WC  
SEM - SE/HAADF

C

