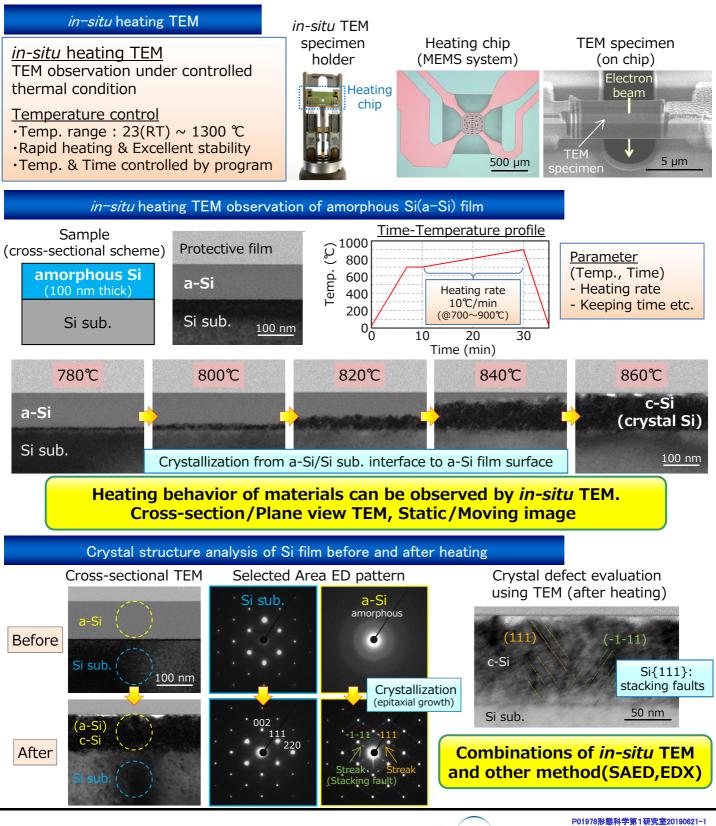
## in-situ heating TEM observation during crystallization of amorphous Si film

It is important to clarify the structural change during annealing process in semiconductor device manufacturing. Heating behavior of materials can be observed at nm level by *in-situ* heating TEM. Information about structural change with heating can be utilized for process development.



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