

Brief Introduction of Tsinghua University and ICFC

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INNOVATION CENTER FOR FUTURE CHIPS
未来芯片技术高精尖创新中心



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TSINGHUA UNIVERSITY-1



Tsinghua University was established in 1911. Tsinghua has **20** schools and **57** departments, covering the areas of sciences, engineering, arts, literature, law, philosophy, economics, management, education, and medicine except agriculture.





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TSINGHUA UNIVERSITY-2

- **Students:** 47,201
 - Undergraduates: 15,570
 - Masters candidates: 19,311
 - Doctoral candidates: 12,320
 - International students: 3,316
- **Faculty members:** 3,414
- **Staffs:** 8,838
- **Campus area:** 450.4 hectares
- **Building:** 2.48 million square meters

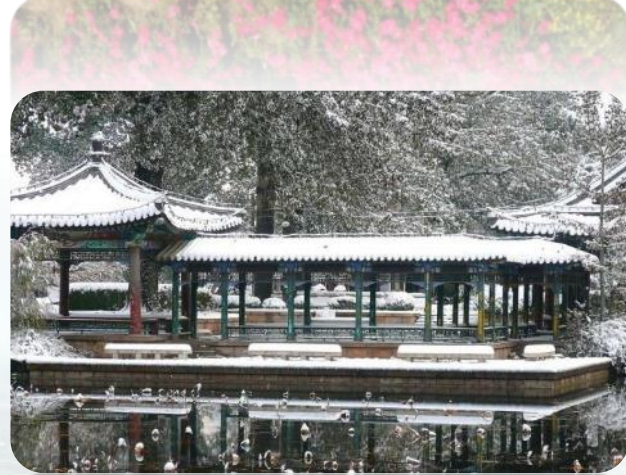




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BEAUTIFUL CAMPUS

- One of the most beautiful campus worldwide rated by Forbes.





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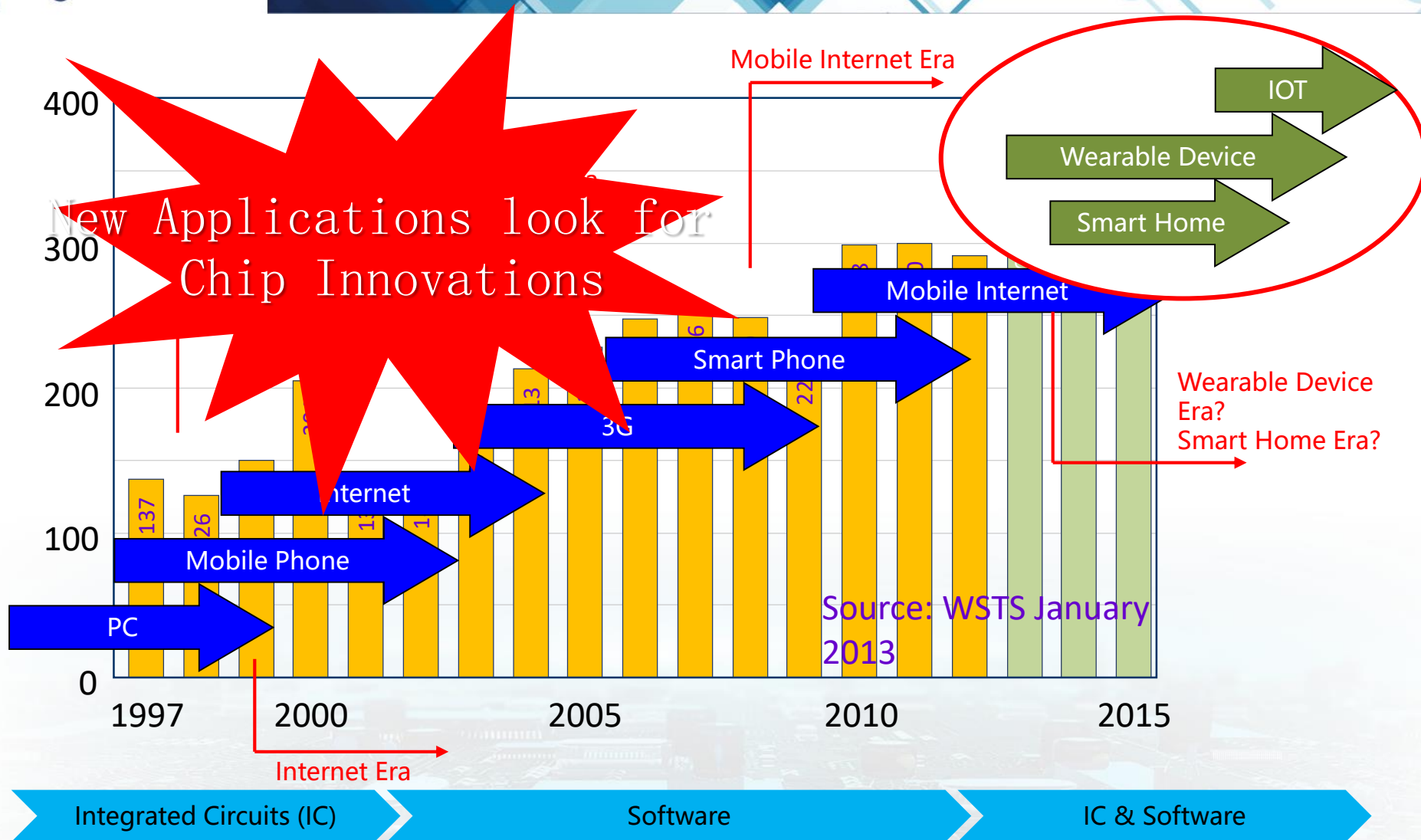
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CHIP INNOVATION IS THE KEY





- ✓ **To build a world-class innovation center in future IC**
- ✓ **To attract top tier scientists and researchers**
- ✓ **To setup a top nanofabrication center and IC test platform**
- ✓ **To achieve fundamental research results with significant international impacts**
- ✓ **To support Beijing IC industry innovation**



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TNF-CLEANROOM



Cleanroom: 1500m²



ALD



Stepper (i-line)



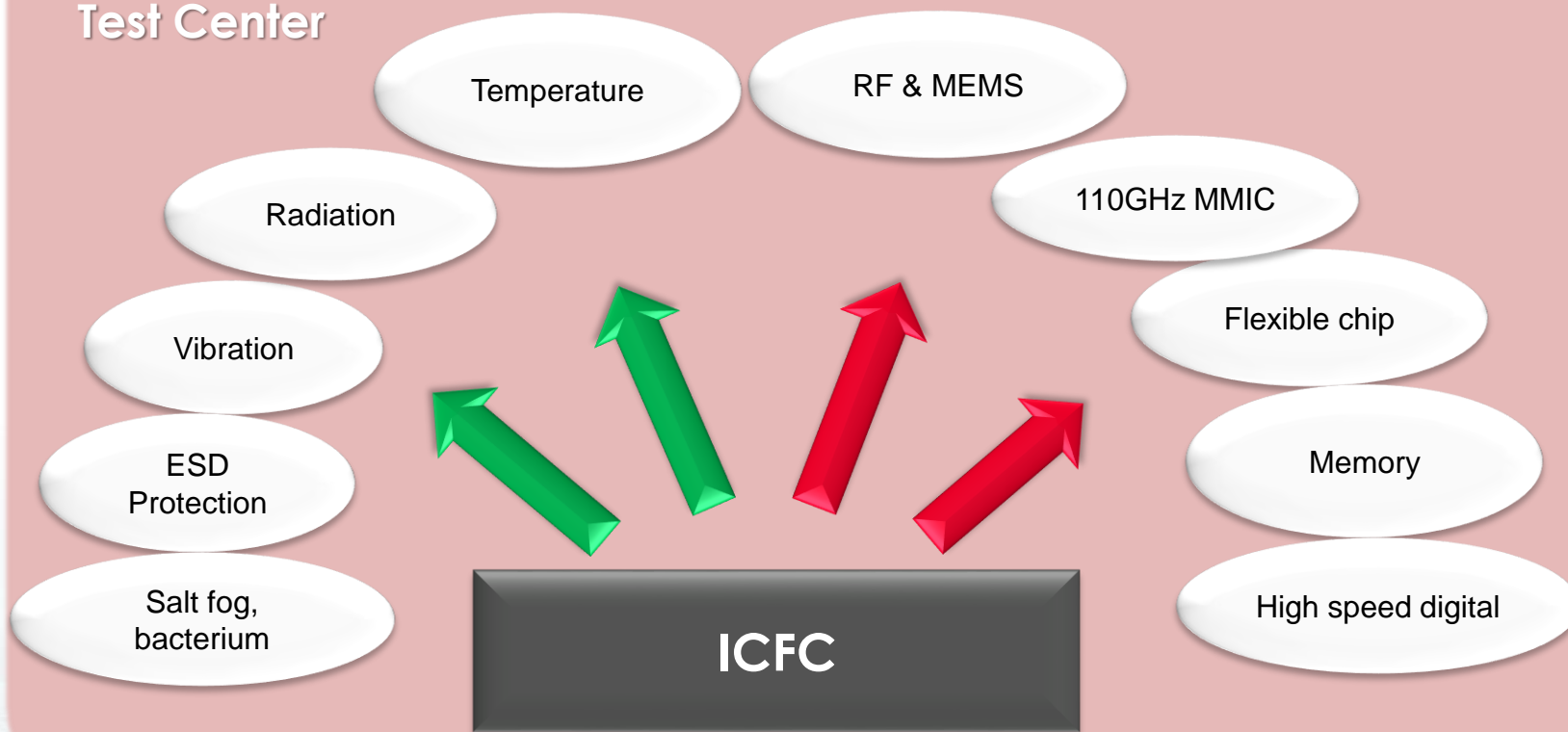
RF sputtering



Etching



IC & MEMS Test Center





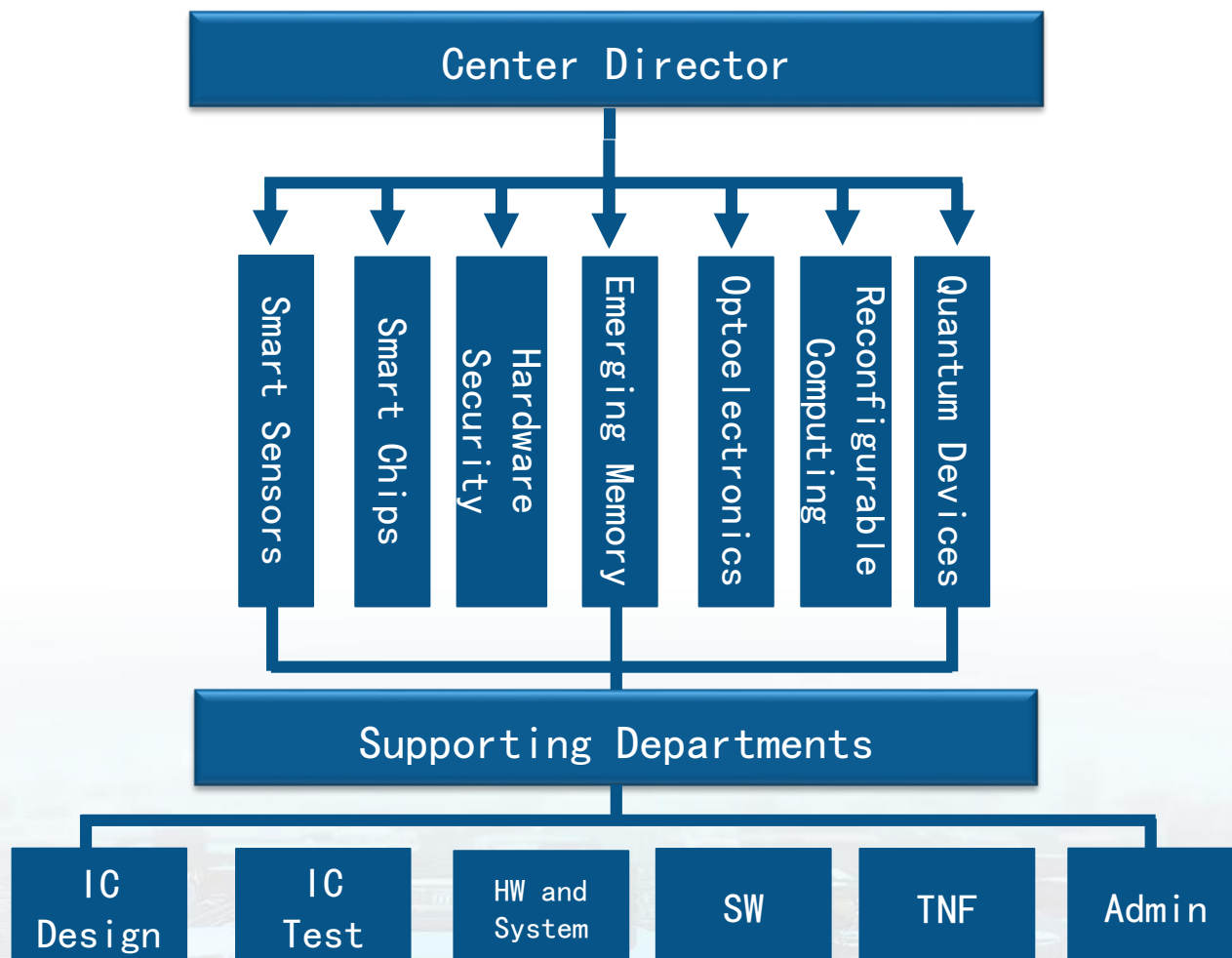
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ICFC CONSORTIA

- Promote collaborations between academic and industry, center is establishing a consortia focusing on future chip technology.



中国航天科工集团





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NEW BUILDING





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FUTURE CHIP

On Dec. 19-20th, ICFC is going to host our 2nd future chip forum: Future Chip 2017-Smart Chips. More than 50 invited speakers will join this forum and cover application, algorithm, architecture, circuit design, emerging devices, etc. areas.

You are very welcome to attend this exciting forum!



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THU-BEIJING INNOVATION CENTER FOR FUTURE CHIPS

THANKS