

July 7th, 2017

IFAE 25th Anniversary Celebration

CAREERS BEYOND IFAE

Federico Nova



◀ 2004 -11: **PhD Student at IFAE**
K2K, NEMO-3



2011-15: **Postdoc at UT (USA)**
NEMO-3, SuperNEMO, CHIPS

2015-17: **Postdoc at RAL (UK)**
HyperKamiokande

2016-17: **Teacher at Oxford (UK)**



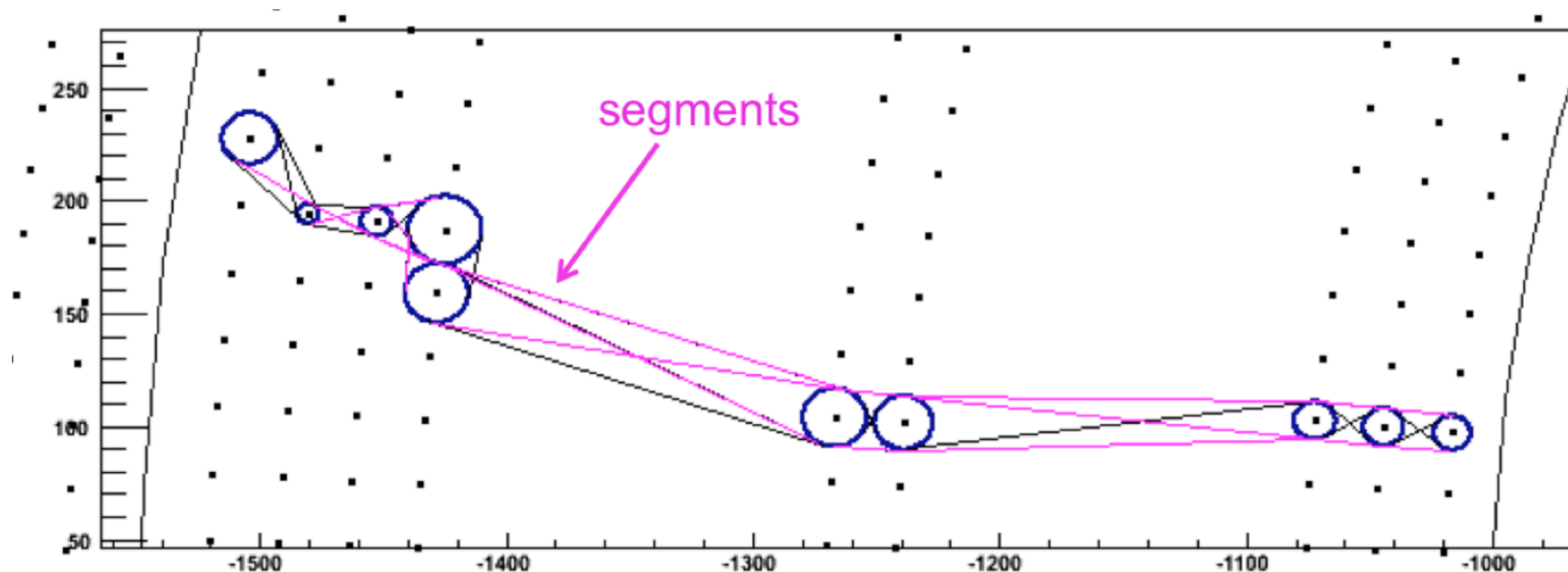
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◀ at IFAE...

- computation (`gcc`, `ROOT`, `Geant4`, `latex`...)
- statistical analysis tools (`Feldman – Cousin`, `MC`, ...)
- tracking



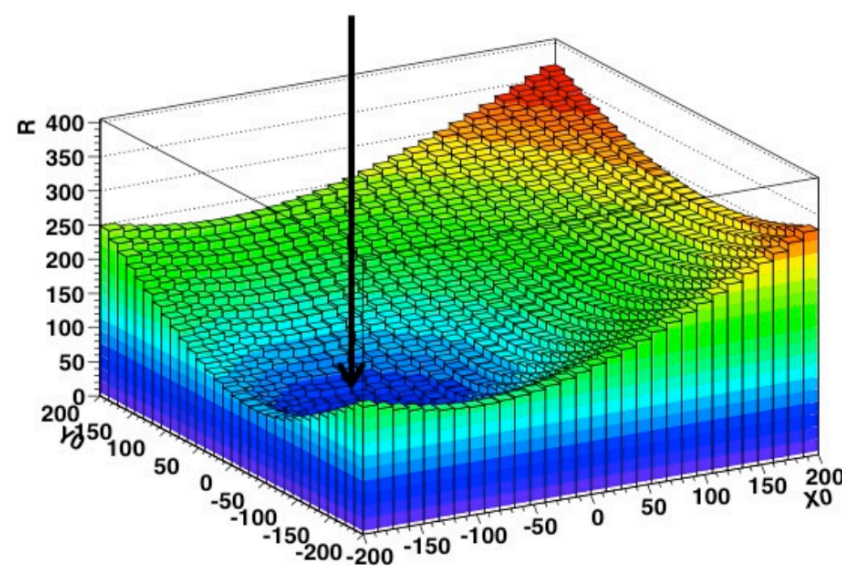
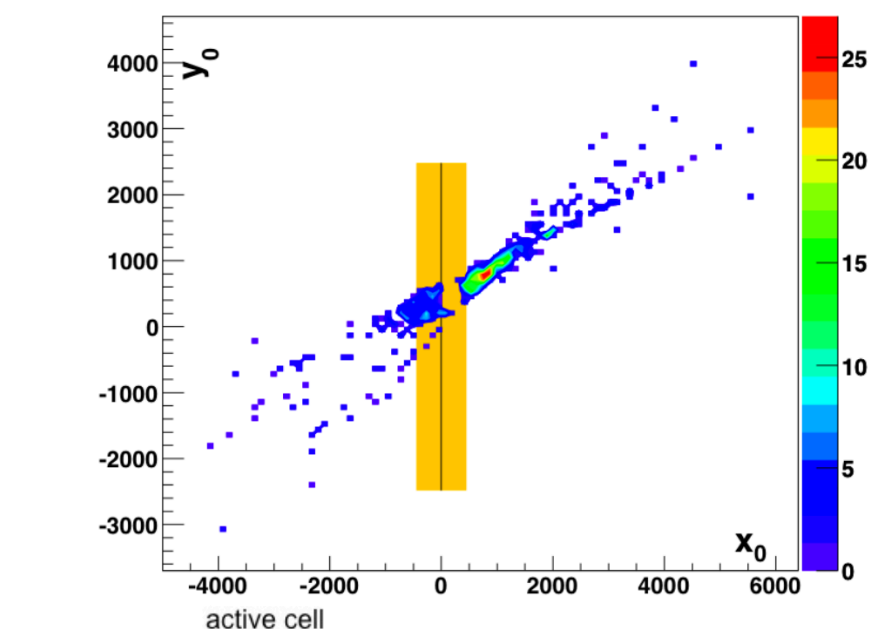
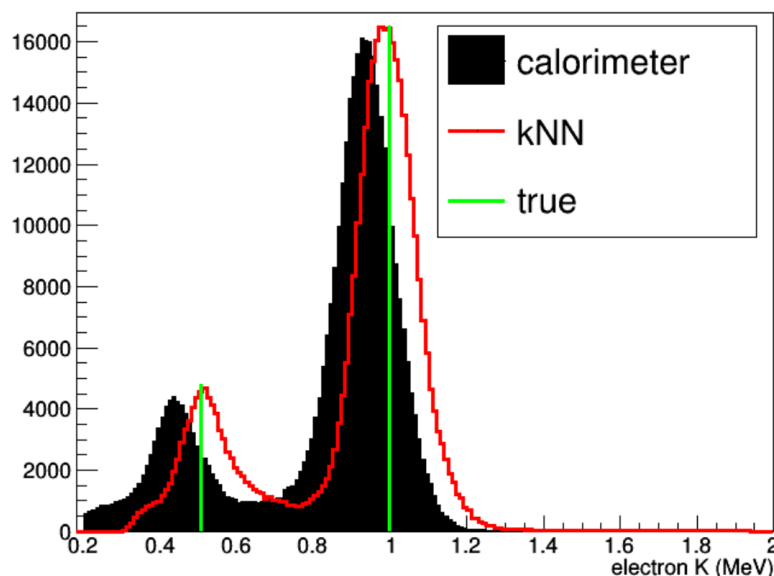
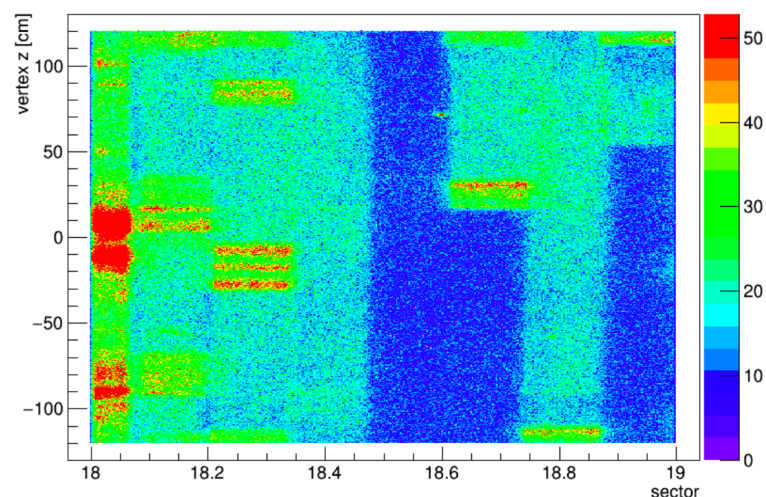
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◀ ... next ...

- tracking -> SuperNEMO pattern recognition
- computation -> leader of USA software group
- analysis -> kNN tool
 - radioactive contaminations
 - energy resolution



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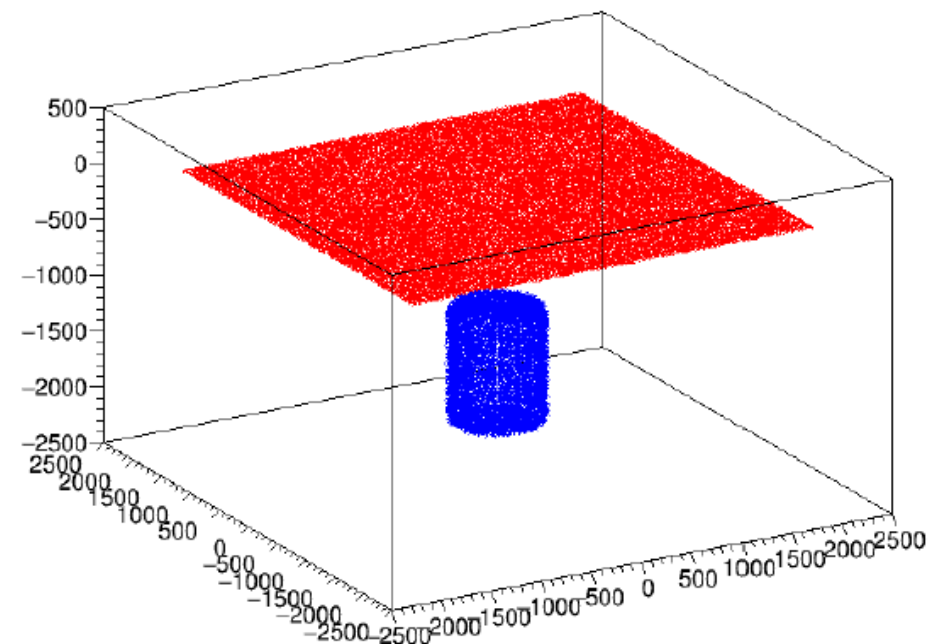
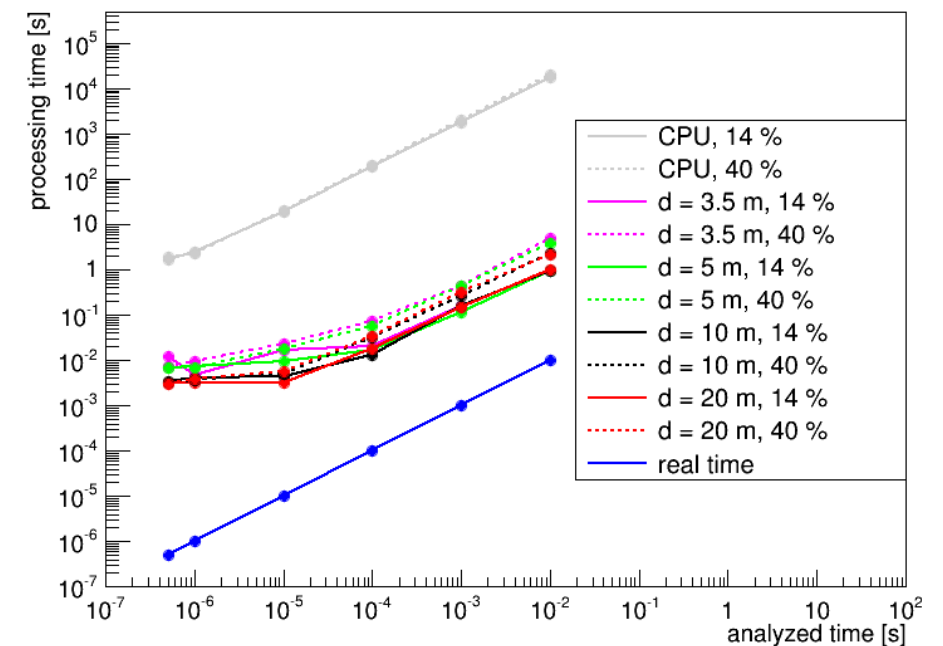
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◀ ... now

HyperKamiokande

- computation -> parallel computation for data acquisition system
- analysis -> detector design



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thank you IFAE

Neutrinos group in 2004