



Servicios generales Unidad de electrónica: SALA BLANCA

Francisco González

Jornadas Técnicas del IFIC, 11-12 de marzo de 2020

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SERVICIOS

- Wire Bonding (Tab)
- Pull/Shear Tester
- Flip Chip
- Inspección Rayos X
- Ensamblado (Detect./Chips/Componentes)

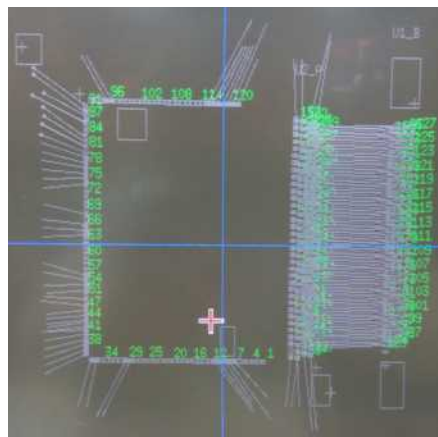
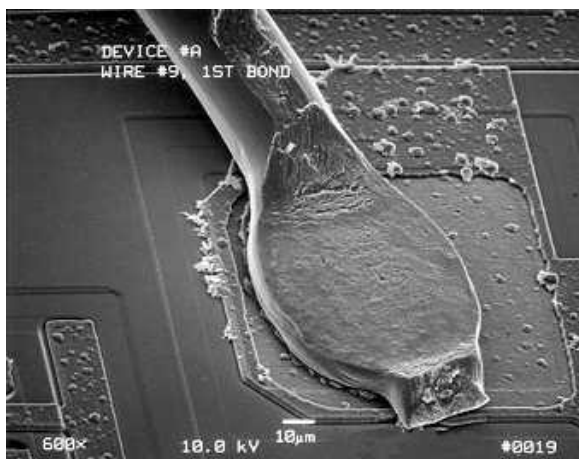


Equipamiento

Wire Bonding

Hilo de Al de 25 μ m

- K&S 8090
- Delvotec G5
- TPT HB16

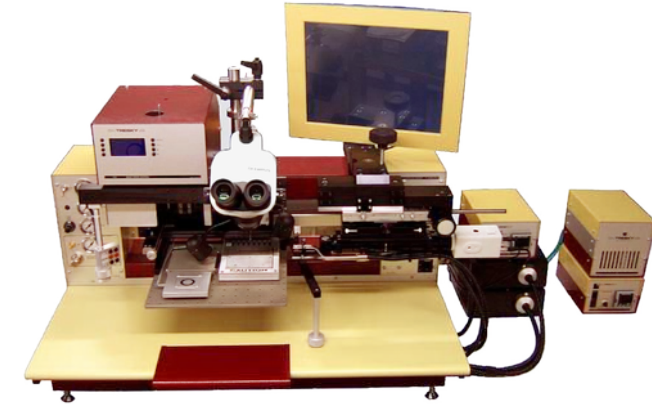




Equipamiento

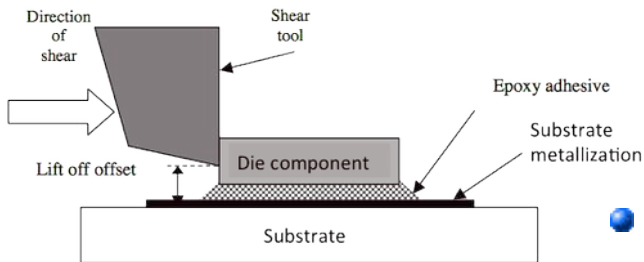
Rayos X

- PCBA-Inspector 100



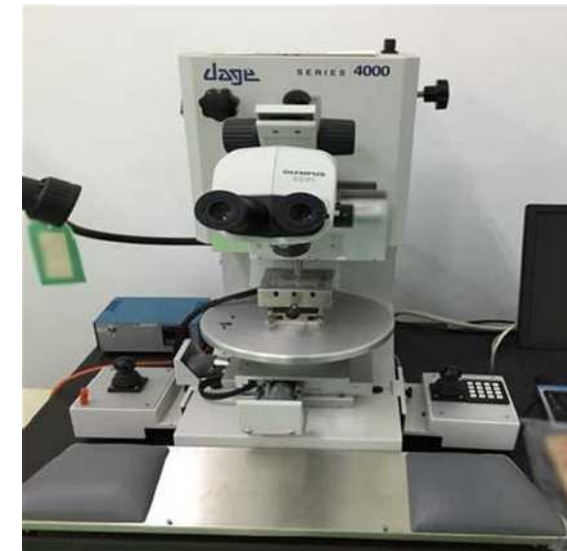
Flip Chip

- Tresky T-3000 FC3



Pull/Shear Tester

- DAGE 4000





Usuarios

Wire Bonding

- ATLAS ITk
- ILC/Futuros aceleradores
- IFIMED
- RD50-MPW2
- ICMOL - UV
- Empresas externas:
 - Photonic Sensors and Algorithms S.L.
 - Alibava Systems S.L.

Flip Chip

- ILC/Futuros aceleradores

Ensamblado (Detect./Chips/Componentes)

- ATLAS ITk
- ILC/Futuros aceleradores
- IFIMED
- RD50-MPW2
- Alibava Systems S.L.
- Desy

Pull/Shear Tester

- ILC/Futuros aceleradores
- ATLAS ITk

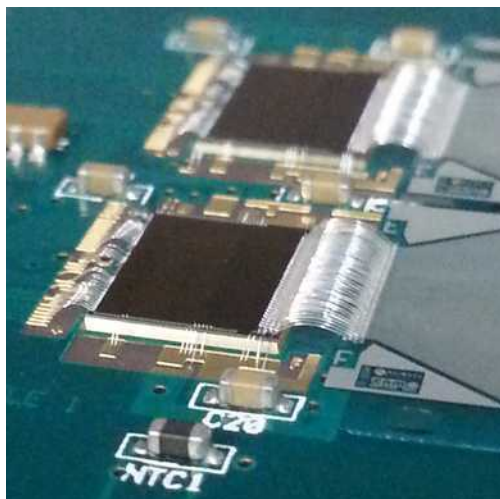
Inspección Rayos X

- ATLAS ITk
- ILC/Futuros aceleradores
- IFIMED
- @next
- ATLAS TileCal
- Agata
- KM3NeT
- Física Médica
- ETSE - UV
- DESY Hamburgo
- Empresas externas:
 - Alibava Systems S.L.
 - Photonic Sensors and Algorithms S.L (PSA)

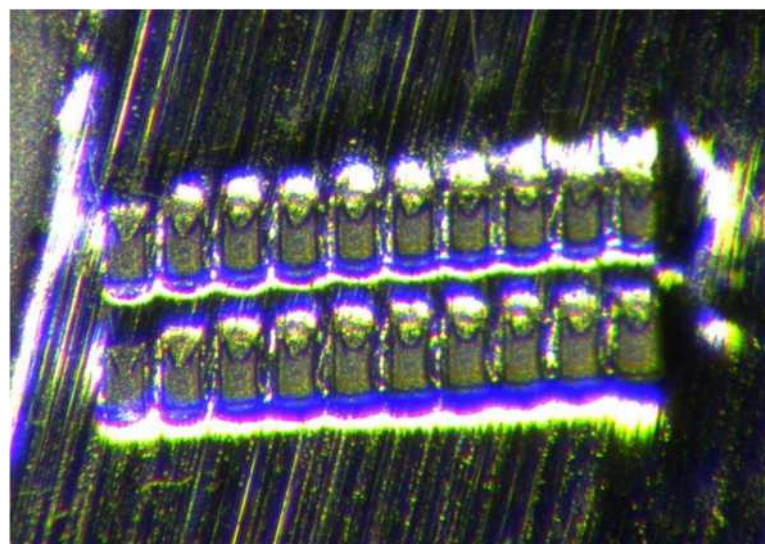
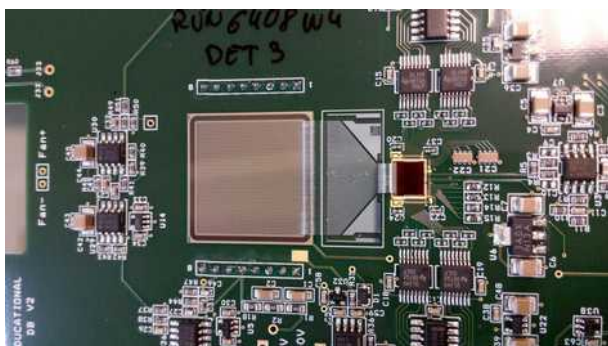
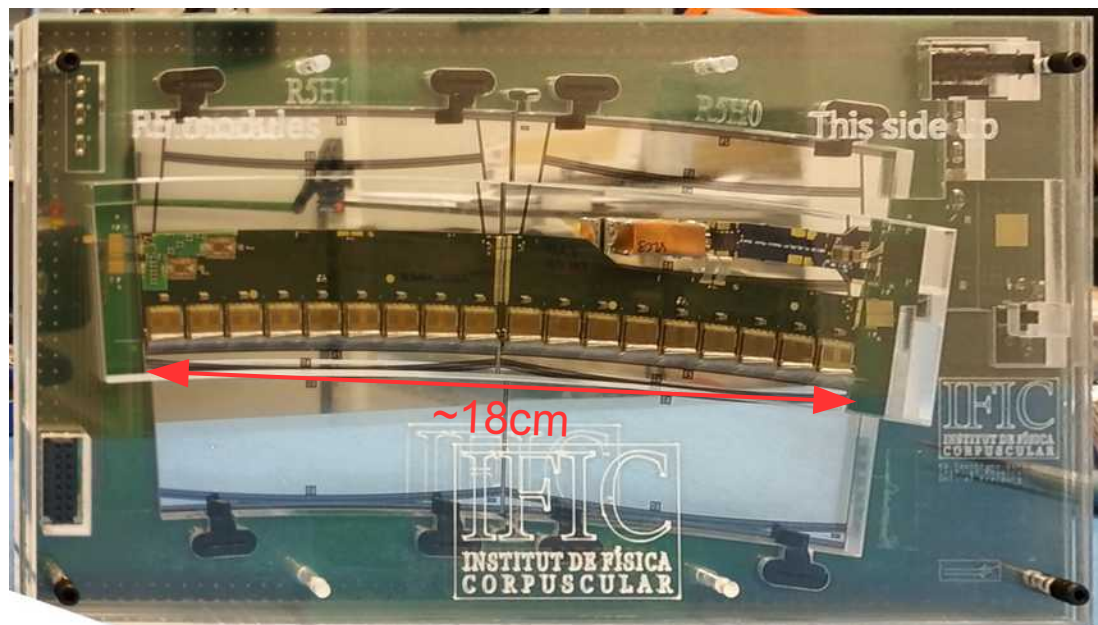


Bonding

Alibava



ATLAS ITk



~5000 bonds

Tab Bonding

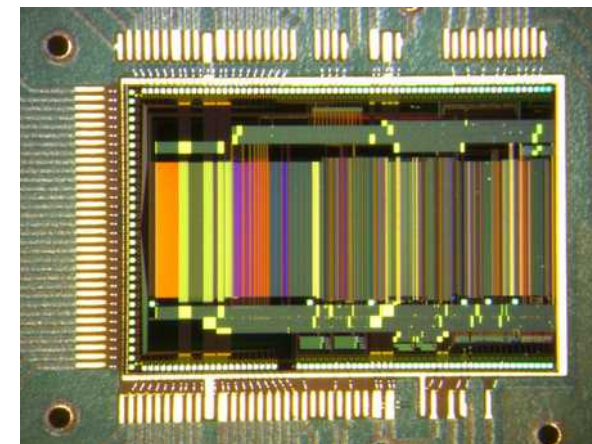
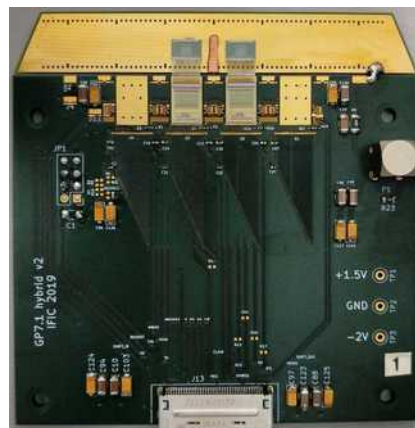
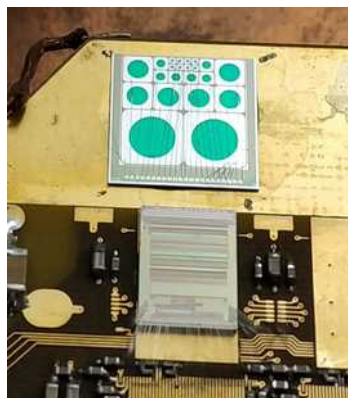
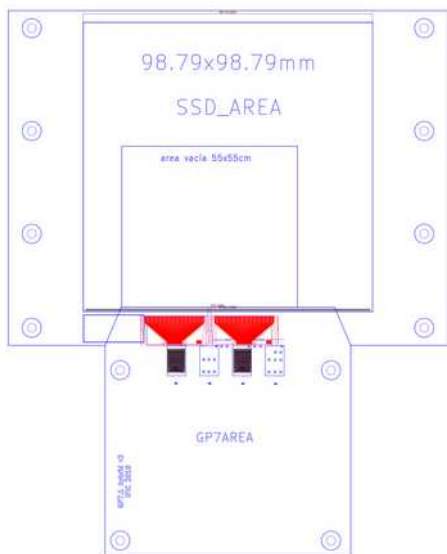


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Bonding

IFIMED



ILC/FC

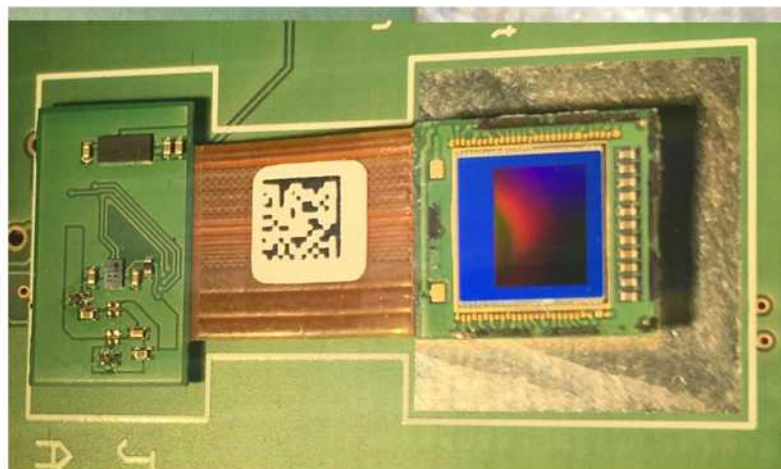
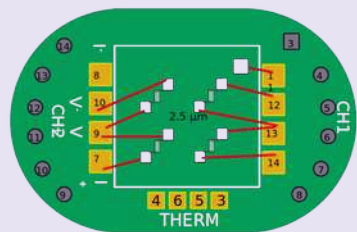
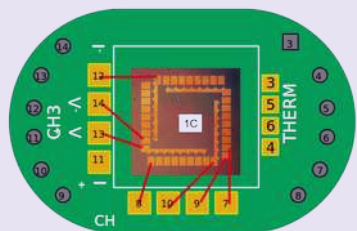
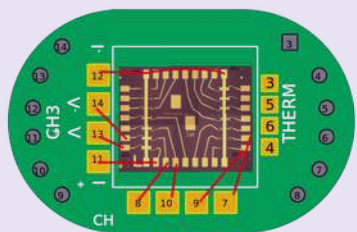


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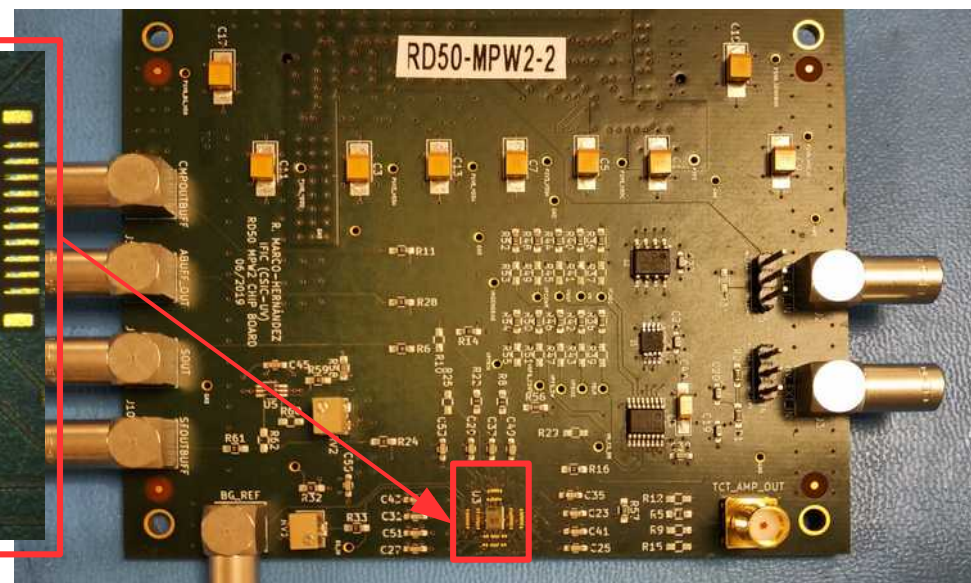
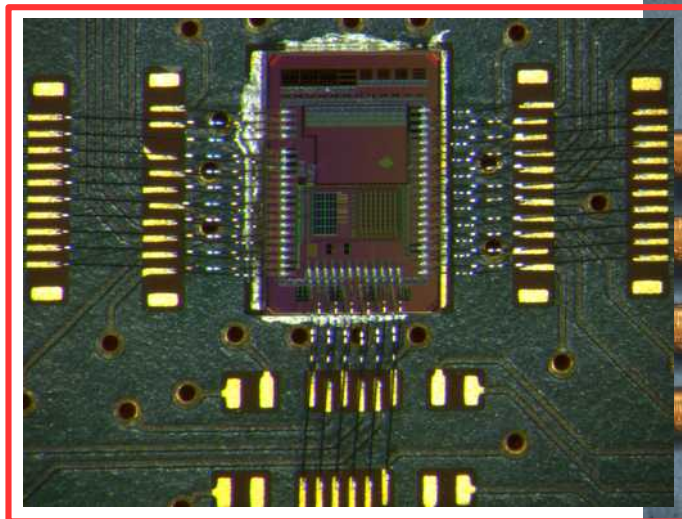
Bonding

ICMOL - UV



PSA

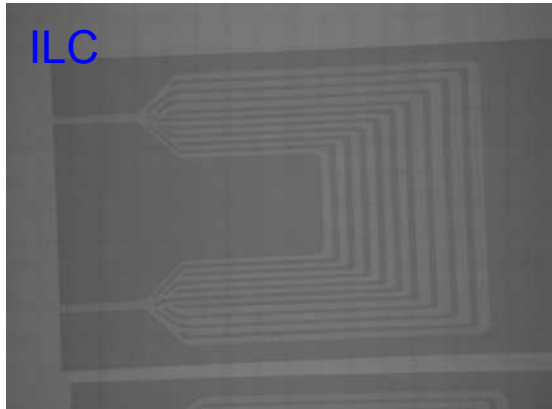
RD50-MPW2



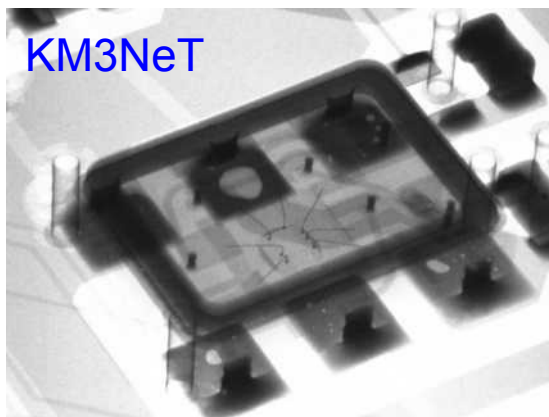
Servicios generales Unidad de electrónica
SALA BLANCA



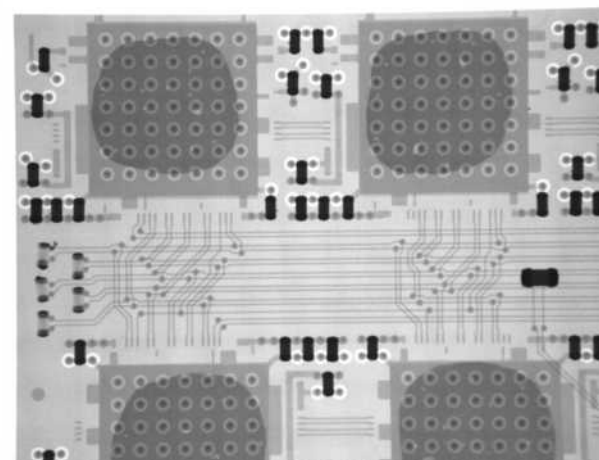
Rayos X



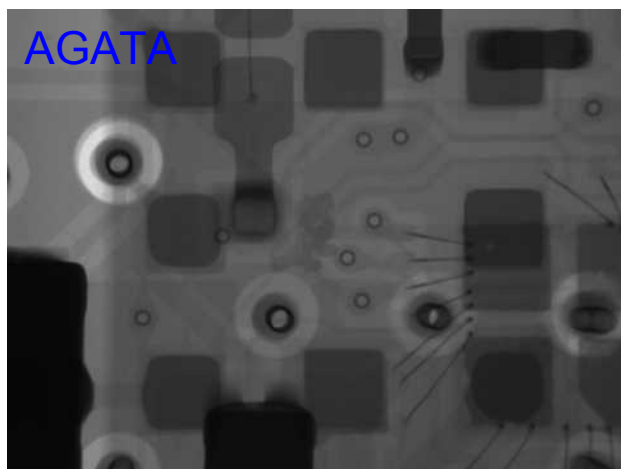
ILC



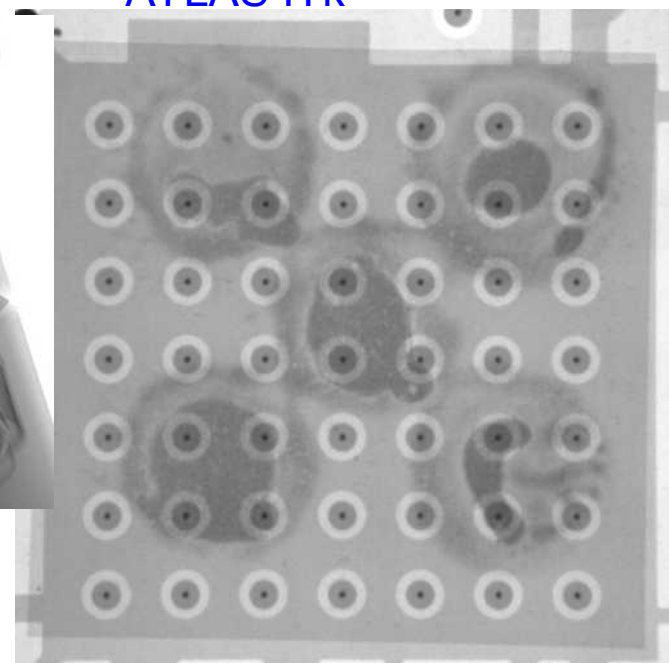
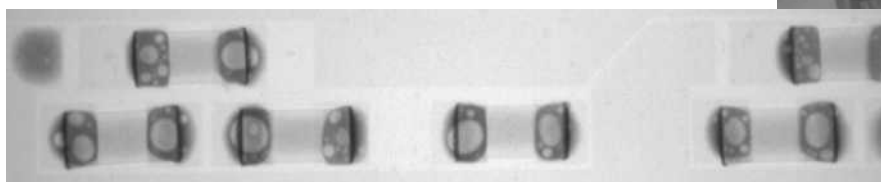
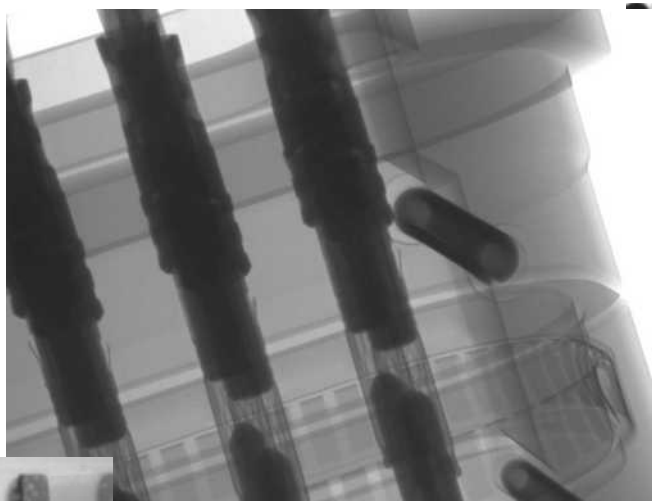
KM3NeT



ATLAS ITk



AGATA

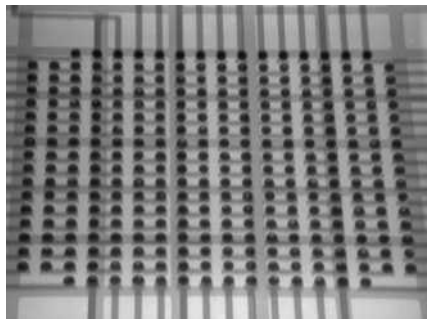


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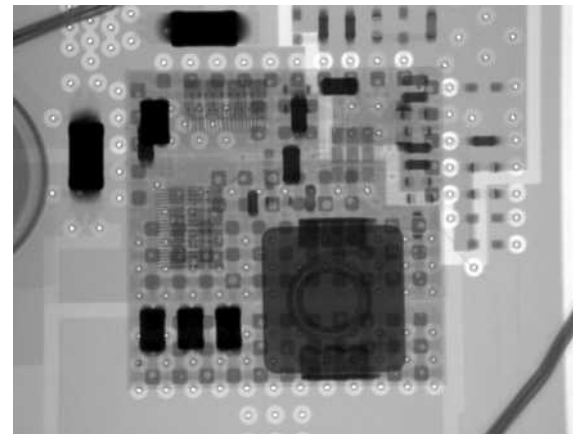
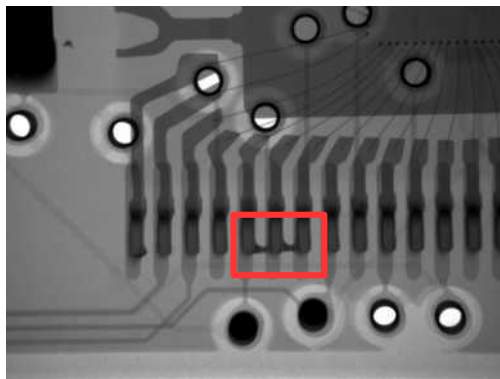


Rayos X

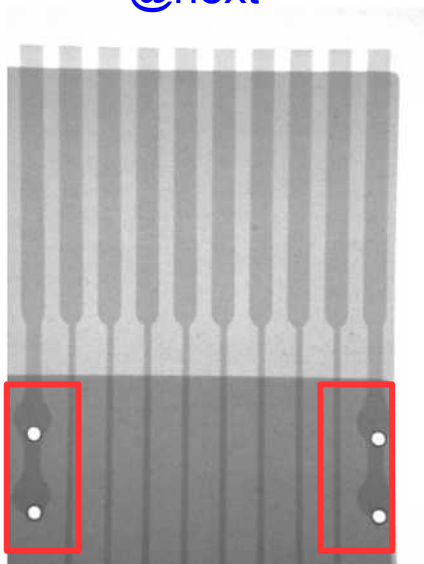
ILC



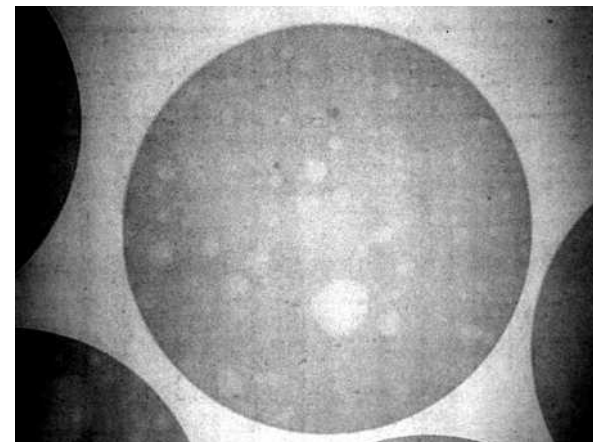
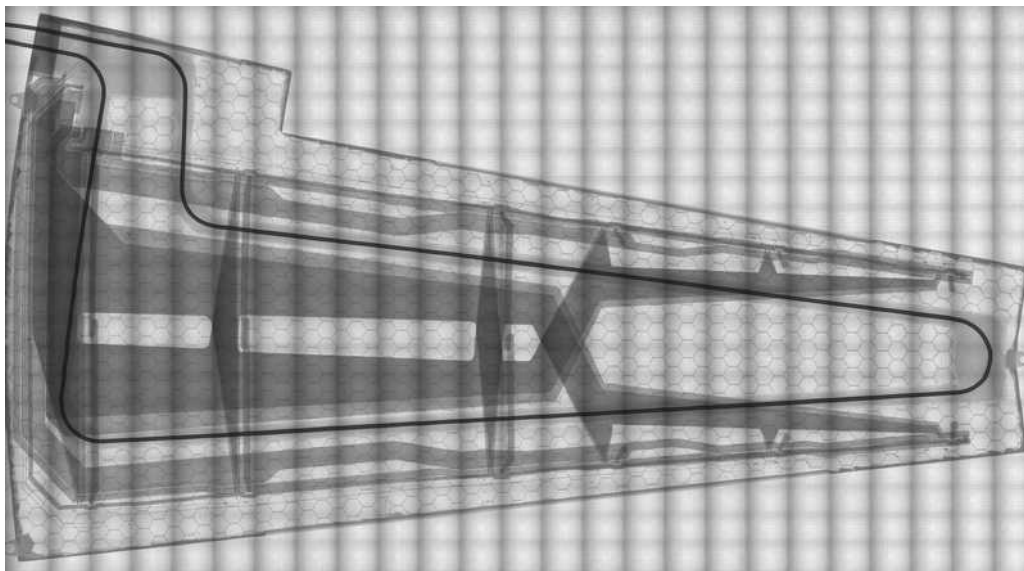
ATLAS TileCal



@next



ATLAS ITK





Personal

Francisco González

(Técnico medio de laboratorio, UV)

- ▶ Aumento de la demanda
 - Producción ATLAS ITK (Corto Plazo)
 - Producción ILC (Largo Plazo)
 - Empresas externas
 - Otros Institutos de la Universidad
- Otras tareas:
 - Compras
 - Concursos (A día de hoy estoy con uno para limpieza por Plasma)
 - Reparaciones (Ventilador K&S8090)



Personal

Rosa Carrasco

(Técnico medio de laboratorio, UV)

- Bondado - Ensamblado
- Rayos X
- Pull/Shear Tester
- Evolucionando hasta el 50%

Urmila Soldevila

(Contrato Técnico Ministerio, CSIC)

- Rayos X