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<th><strong>IPAC’17</strong></th>
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</table>

**Motion controllers**

- Faraday Motion Controls (formally Delta Tau UK) | UK | [https://www.faradaymotioncontrols.co.uk](https://www.faradaymotioncontrols.co.uk) |
- Phytron | Germany | [https://www.phytron.eu/products/](https://www.phytron.eu/products/) |

**Shieldings, plastics**

- Carlsson & Moeller | Sweden | [https://c-m.se/en/branches-industries/nuclear.html](https://c-m.se/en/branches-industries/nuclear.html) |
- Fagerström Industriksult | Sweden | [http://www.fagerstrom.se/?page_id=42](http://www.fagerstrom.se/?page_id=42) |

**Infrastructures**

- MCT Brattberg | Sweden | [https://www.mctbrattberg.se/](https://www.mctbrattberg.se/) |

**RF systems - beam manipulation**

- Aurion | Germany | [https://www.aurion.de/](https://www.aurion.de/) |

**HVAC**

- AirSon | Sweden | [https://www.airson.se/airson-en](https://www.airson.se/airson-en) |

**Vacuum**


**Mechanical design and manufacture**

- NTG | Germany | [https://www.ntg.de/en/](https://www.ntg.de/en/) |

**Materials**

- AKSteel | Netherlands (Ned) | [https://www.aksteel.eu/](https://www.aksteel.eu/) |
- RFR Solution | Sweden | [https://www.rfrsolutions.se/ENG/Start](https://www.rfrsolutions.se/ENG/Start) |
- SAES getters | Italy | [https://www.saesgetters.com/products-](https://www.saesgetters.com/products-) |
- SOLCERA | France | [https://www.solcera.com/](https://www.solcera.com/) |

**Sources**

- DREEBIT | Germany | [https://www.dreebit-ibt.com/](https://www.dreebit-ibt.com/) |

**Machine automation and control**

### Usual suspects
- Bevatec
- Cosylab

### SENER Group ...they do everything, big group
http://www.engineeringandconstruction.sener/sectors-and-projects

**Thales also a big group, antenna, RF, microwaves**

### ?
- AFT microwave: Germany [https://www.aft-microwave.com/](https://www.aft-microwave.com/)
- AIREC: Sweden [http://airec.se/](http://airec.se/)

### Not EU
- spc dimtel: USA [https://www.dimtel.com/index](https://www.dimtel.com/index)
- Best: Canada [http://www.theratronics.ca/](http://www.theratronics.ca/)
- Allied Metals Corporation: USA and Europe [https://alliedmet.com/](https://alliedmet.com/)
- Ferrite Microwave technology: USA [https://ferriteinc.com/contact/](https://ferriteinc.com/contact/)
- Kyocera: Japan [https://global.kyocera.com/prdct/fc/](https://global.kyocera.com/prdct/fc/)
- L3HARRIS: USA [https://www2.l3t.com/edd/products/commercial.htm](https://www2.l3t.com/edd/products/commercial.htm)
- Mega Industries: USA [https://www2.megaind.com/](https://www2.megaind.com/)
- Muons Inc.: USA [http://public.muonsinc.com/Products.as](http://public.muonsinc.com/Products.as)
- Hitachi metals: Japan [http://www.hitachi-metals.co.jp/e/produ](http://www.hitachi-metals.co.jp/e/produ)
- Times: USA [https://www.timesmicrowave.com/](https://www.timesmicrowave.com/)
products

https://ipac17.org/exhibitors-list

Beam instrumentation

High voltage power supplies, RF amplifiers, modulators
Solid state high power amplifiers, manufacturing and test
Solid State RF Amplifiers and digital LLRF control systems
Power supplies
High voltage diodes, capacitors, powersupply,...
High voltage power supplies, RF amplifiers, modulators
RF systems and HV and high Current power supplies, modulators
HV power supplies, RF systems, ...
Solid State high-power pulse modulators and RF systems

magnets, power supplies, RF amplifiers
Magnets
Magnets
magnets and motors

Measure magnetic fields

semiconductors for power electronics for green energy

RF cavities, Sources, Accel modules, Accel systems
Magnets, power supplies, Kinetic Energy Storage systems
all
Instruments, powersupplies, electronics,...

RF: filters, combiners, ...
RF amplifiers, RF generators, microwave, beam diagnostics for carbon medical, controls,
connectors, cables, electronics
Solutions and engineering service
Power amplifiers
antenna, filters, coaxials
RF, microwaves
RF, microwaves
electronics for instrumentations
also has CAEN electronics
board level electronics
CMOS sensors

Beam instrumentation, was on at IPAC, but I know it is in St.Genis

motor controllers for e.g. beam instrumentation
motors and actuators

Neutron shielding, plastic for industrial applications
Nuclear decontamination

Water and gas pipes
Pipes

RF systems, plasma

Cleanroom, HIVAC, energy efficiency

Vacuum chambers, vacuum vessels
Vacuum pumps
Vacuum chambers, coating,...

Manufacture of Rf cavities, instrumentations, vacuum chambers, ...
Manufacture of Rf cavities, instrumentations, vacuum chambers, ...

Steel
Diamonds! ;-)
Metallurgical products: conductors, alloys, superconductors, wires, electrodes, ..
Steel components
NEG pumps, shape memory alloys, advanced materials
Ceramics

EBIS, ECRIS,...

machine automation and control
Low-Level RF Control Solution
RadioTherapy, Cyclotrons, etc...
Magnets, systems, vacuum, integration, diagnostics, ...
Iron, ferrites, ceramics, dielectrics
RF power amplifiers
RF, telecommunications
power supplies
iron, steel
microwave tech
Optical, lasers, monitors...
Beam diagnostics
Ceramics
microwaves, electronics
microwaves, electronics
Fools, targets

In addition to software and service also RF components, sources, magnets

microwave, FR
transformers, magnets, powersupplies,
microwaves

http://www.hitachi-metals.co.jp/e/products/index.html