

FIRST OPEN CALL FOR SHORT TERM SCIENTIFIC MISSIONS (STSMs)

TRUSTWORTHY MANUFACTURING AND UTILIZATION OF SECURE DEVICES (WWW.TRUDEVICE.COM)



The COST Action IC1204 “Trustworthy manufacturing and utilization of secure devices” invites members’ applications to the call for Short Term Scientific Missions (exchange visits).

The COST action aims at creating a European network of competence and experts on all aspects of hardware security including design, manufacturing, testing, reliability, validation and utilization.

STSMs (Exchange Visits) are aimed at strengthening the existing networks by allowing scientists to go to an institution or laboratory in another COST Country to foster collaboration, to learn a new technique or to take measurements using instruments and/or methods not available in their own institution/laboratory.

STSMs are particularly intended for young scientists.



Why to bother about hardware security? Hardware security is becoming increasingly important for many embedded systems applications ranging from small RFID tag to satellites orbiting the earth. Its relevance is expected to increase in the upcoming decades as secure applications such as public services, communication, control and healthcare will keep growing. The vulnerability of hardware devices that implement cryptography functions (including smart cards) has become the Achille’s heel in the last decade. Therefore, the industry is recognizing the significance of hardware security to combat semiconductor device counterfeiting, theft of service and tampering.

Duration: min 1 week, max 3 months (more for Early Stage Researchers = less than PhD +8 years).

Financial support: up to € 2 500 for up to 3 months (or € 3 500 for Early Stage Researchers for periods of stay above 3 months). € 60 to 90 for the daily allowance in particular for longer stays and € 300 for the travel is recommended (deviations possible, special rules may apply).

THE ACTION ALLOCATED A BUDGET OF €20 000 FOR UP TO 12 STSMs. THE AMOUNT GRANTED WILL BE DIVIDED DEPENDING ON GRANTEES’ REQUESTS ACCORDING TO COST RULES.

Insurance, employment, etc.: For the period of the STSM neither the MC of the Action nor the COST Office may be considered as the employer and grantees must make their own arrangements for all health, social, personal security and pension matters.

Who can apply? The Applicant should normally be engaged in a programme of research as a postgraduate student or postdoctoral fellow or be employed in an institution of a COST Country having accepted the Memorandum of Understanding of the Action.

Who to visit? From a home institution in a COST participating country to a host institution in another COST participating country or to a formally approved host institution in a non-COST country (or from a formally approved home institution in a Near Neighbour country to a host institution in a COST participating country). **The list of institutions and COST participating countries of the Action IC1204 is available online at www.trudevice.com.**

Please, send your STSM applications to (including your CV, mission statement and duration):
DR. VIACHESLAV IZOSIMOV (STSM COORDINATOR), SEMCON
VIACHESLAV.IZOSIMOV AT SEMCON.COM

YOUR ORGANISATION IS NOT YET A TRUDEVICE MEMBER?

Please, contact for more information on the COST Action and rules of participation:

PROF. GIORGIO DI NATALE (COORDINATOR), LIRMM, GIORGIO.DINATALE AT LIRMM.FR
PROF. ILIA POLIAN (VICE COORDINATOR), U. OF PASSAU, ILIA.POLIAN AT UNI-PASSAU.DE

TRUDEVICE WORK GROUPS

Please, contact for more information on Work Group activities:

WG 1: MANUFACTURING TEST OF SECURE DEVICES

PROF. MARIE-LISE FLOTTES, LIRMM, FLOTTES AT LIRMM.FR

PROF. SAID HAMDIOUI, DELFT U. OF TECHNOLOGY, S.HAMDIOUI AT TUDELFT.NL

WG 2: TRUSTWORTHY MANUFACTURING OF SECURE DEVICES

DR. LILIAN BOSSUET, U. JEAN MONNET ST.-ETIENNE, LILIAN.BOSSUET AT UNIV-ST-ETIENNE.FR

DR. PARIS KITSOS, HELLENIC OPEN U., PKITSOS AT EAP.GR

WG3: FAULT ATTACK DETECTION AND PROTECTION:

**PROF. BERND BECKER, ALBERT-LUDWIGS-UNIVERSITY FREIBURG,
BECKER AT INFORMATIK.UNI-FREIBURG.DE**

PROF. BRUNO ROUZEYRE, U. OF MONTPELLIER II, ROUZEYRE AT LIRMM.FR

WG4: RECONFIGURABLE DEVICES FOR SECURE FUNCTIONS

PROF. VIKTOR FISCHER, U. JEAN MONNET ST.-ETIENNE, FISCHER AT UNIV-ST-ETIENNE.FR

PROF. NELE MENTENS, KU LEUVEN, NELE.MENTENS AT ESAT.KULEUVEN.BE

WG5: VALIDATION, EVALUATION, AND FAULT INJECTION

PROF. LEJLA BATINA, RADOUD UNIVERSITY NIJMEGEN, LEJLA AT CS.RU.NL

PROF. NICOLAS SKLAVOS, TECH. EDUCATIONAL INST. OF PATRAS, NSKLAVOS AT IEEE.ORG

