

International Scenario Workshop: “Use Cases for QKD Application”

June 22, 2010

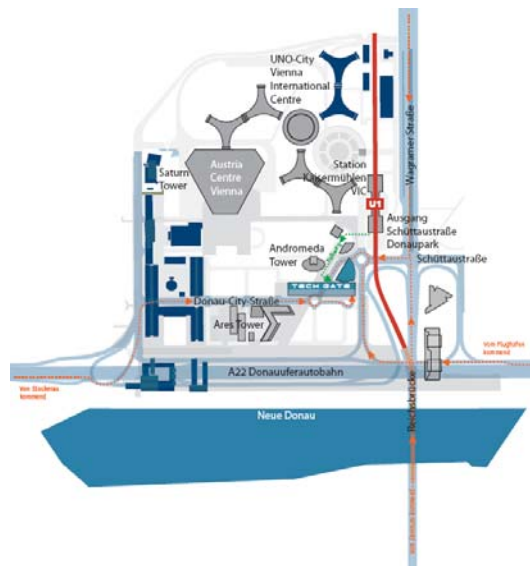
AIT Austrian Institute of Technology GmbH, TechGate, Sky Lobby 7th floor, Donau-City-Straße 1, 1220 Vienna

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| 9.00 | Welcome and Introduction to ETSI and projects TruQ and QUIE2T Thomas Länger (AIT); Moderation: Susanne Giesecke (AIT), Rob Thew (University of Geneva) |
| | “Challenges and key drivers of QKD standardization process” Gaby Lenhart (ETSI), “QKD for security systems in business environments” Thomas Länger (AIT) |
| | “QKD and the market – where does it stand and what can we expect from it?” (<i>exact title tba</i>) Gregoire Ribordy (idQuantique) “The World Café workshop method”, Susanne Giesecke (AIT) |
| 10.30 | QKD World Café |
| 10.30 | Use Cases round 1 (discuss 3 questions, ca. 25 min. each) |
| 12.00 | Lunch |
| 13.00 | Use Cases round 2 (discuss 3 questions, ca. 25 min. each) |
| 14.30 | Use Cases round 3 (discuss 3 questions, ca. 25 min. each) |

- Use Case 1: Offsite backup / business continuity
- Use Case 2: Enterprise metropolitan area network
- Use Case 3: Critical infrastructure control and data acquisition
- Use Case 4: Backbone protection
- Use Case 5: High security access network
- Use Case 6: Long haul service

- *From the perspective of your specific background, how do you evaluate the usability of the Use Case and what can be the USP?*
- *What are the missing links and open research questions?*
- *Considering this Use Case as part of a more complex IT security system, what products/services could spin off and for what kind of clients?*

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| 16.00 | Coffee break |
| 16.30 | Presentation of Prof. Nicolas Gisin (GAP University of Geneva) on the technical and scientific prospects of QKD and quantum communication (<i>exact title will be announced</i>) |
| 17.00 | Major findings of World Café (Rapporteurs of the World Café) |
| 17.30 | Social event in Vienna (e.g. Bus tour & ride to the „Heurigen“) |



How to reach Tech Gate / AIT from the city center

By Underground: Tech Gate can be reached by underground U1 (red line, direction Leopoldau, stop at “Kaisermühlen - Vienna International Center”; 6 stops from City – Stephansplatz). Exit Schüttaustraße.

By Taxi: The average cost from the city centre to Tech Gate is 12 to 16 Euro.