The European Master's Program in Computational Logic (EMCL)
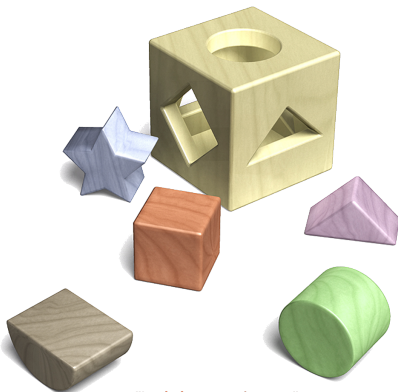
- ▶ **EMCL is a distributed European Master's Program**
  - ▷ **Free University of Bozen-Bolzano (unibz)**
  - ▷ **Technische Universität Dresden (TUD, coordinating institution)**
  - ▷ **Nova Universidade de Lisboa (NOVA)**
  - ▷ **Technische Universität Wien (TUW)**
  - ▷ **Nactional ICT Australia (NICTA)**
- ▶ **Joint MSc degree from the European universities
  at which a student has physically studied**
- ▶ **Supported by the European Union
  within the Erasmus Mundus Program since 2004**

Curriculum – Mandatory Modules and Master Thesis

▶ **Basic Modules (34 cr)**

  ▷ **Foundations (first semester, 9 cr, TUD)**

  ▷ **Logic and Constraint Programming (first semester, 9cr, TUD)**

  ▷ **Advanced Logic (second semester, 8cr, unibz)**

  ▷ **Integrated Logic Systems (second semester, 8 cr, unibz)**

▶ **Presentation and Communication Skills**
  (second and third semester, 4cr any European university)

▶ **Project (third semester, 16 cr, any European university and NICTA)**

▶ **Master Thesis (forth semester, 30 cr, any European university)**

Curriculum – Advanced Modules

▶ **Advanced Modules (12cr each; select at least three; first - third semester)**

  ▷ **Constraints (NOVA)**

  ▷ **Computational Logic for Information Technology (TUW)**

  ▷ **Computer Science Engineering (all European universities)**

  ▷ **Knowledge Representation (TUD, NOVA, TUW)**

  ▷ **Logical Foundations (TUW)**

  ▷ **Logics and Languages for Software Reliability and Security (NOVA)**

  ▷ **Modelling and Verification (TUW)**

  ▷ **Ontology and Database Systems (unibz)**

  ▷ **Principles of Computation (unibz, TUW)**

  ▷ **Principles of Data Managment (unibz)**

  ▷ **Principles of Inference (TUD, TUW)**

  ▷ **Semantic Technologies (unibz, NOVA)**

  ▷ **Theoretical Computer Science and Logic (TUD)**

Distribution

- ▶ **First semester: TUD**

- ▶ **Second semester: unibz**

- ▶ **Third and forth semester: any European university
(see EMCL booklet for details of the placement process)**

- ▶ **Project Work may be done at NICTA
during the break between the second and third semester
(see EMCL booklet for details of the procedure)**

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EMCL versus MCL

- ▶ **The International Master's Program in Computational Logic (MCL)**
- ▶ **Curriculum of MCL is identical to the curriculum of EMCL**
  - ▷ **All mandatory modules are offered by TUD**
  - ▷ **Only the advanced modules offered by TUD can be selected**
  - ▷ **The master thesis is offered by TUD**
- ▶ **MSc degree from TUD**
- ▶ **New: One semester must be studied abroad**
  - ▷ **We strongly suggest to study the second semester at unibz**

Service Center for International Students (SCIS)

- **Mrs Julia Koppenhagen, room 2018, Tuesdays 1pm-3pm**
- `http://www.inf.tu-dresden.de/index.php?node_id=2727&ln=en`
- **Organises the registration to written examinations upon application**
- **Hands out the documents for oral examinations/master's thesis**
- **Administers the results of examinations and announces the grade**
- **Issues transcripts of records and further documents in connection with residence authorisation on enquiry**
- **Please study the SCIS web page carefully and consider the rules and deadlines related to**
  - ▷ **registration to the exams**
  - ▷ **cancellation of exams**
  - ▷ **deadlines**
  - ▷ **forms**

Grants for unibz

▶ **Students without Erasmus Mundus grant can apply for 4 EM+ grants (amounting to about 200 EUR per month) for their stay at unibz until 15 Nov, see:** `www.computational-logic.org/content/study/master/support/EM+grant/php?id=43`

Some General Hints (1)

- ▶ **Read the EMCL booklet carefully**
- ▶ **Check out the EMCL web pages carefully and regularly**
- ▶ **Check out the notice board on the wall outside of this lecture hall**
- ▶ **Check your emails regularly**
- ▶ **Our mailing lists contain your private addresses,
  please inform us about any changes**
- ▶ **All students must register each semester online at TUD,
  you will not receive the current students' identity card sent by mail without this
  registration**

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Some General Hints (2)

- ▶ **Address questions concerning examinations, transcript of records, etc to the SCIS (Julia Koppenhagen) during the announced office hours**

- ▶ **Address questions concerning individual modules to the respective module representatives**

- ▶ **Address questions concerning individual lectures to the respective lecturers**

- ▶ **Address all other questions to Sylvia Wünsch**

- ▶ **Visa prolongation must be applied for on time**

- ▶ **Don't enter an EU country without a valid visa**

▶ **You must pay the reduced students service fee to TUD each semester while you study at one of our partner universities (this does not apply to EM scholarship holders)**

▶ **The date of the EMCL students workshop has not been fixed yet**

▶ **2nd semester at unibz will start on 29 February 2016, 2pm**

▶ **In order to carry out the enrollment at unibz you must provide a declaration of equivalent value (see: `www.study-in-italy.it/studying/info-07.html`). This document must be applied for in the countries where you have received the bachelor degree and submitted to unibz upon arrival.**

▶ **You will travel to Bozen-Bolzano with the valid German residence permit and a letter issued by TUD confirming the participation in the EMCL program. You must apply for the residence permit (permesso di soggiorno) in Bozen-Bolzano within the first 8 days after entering Italy. The unibz -International Relations Office supports students regarding this procedure.**

Some Hints for EMCL Students (2)

▶ **How to apply for the second year university?**
`www.emcl-study.eu/fileadmin/emcl_booklet_tree/msss_jc_placement_`
`second.html`

▶ **How to apply for the project work at NICTA?** `www.emcl-study.eu/fileadmin/`
`emcl_booklet_tree/mss_jc_projects_nicta.html`

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Some More Specific Hints

▶ **For Beginners**

  ▷ **Focus initially on the two mandatory basic modules**

  ▷ **If you can follow the lectures and the tutorials of the basic modules then add an advanced module**

  ▷ **At each university try to complete modules because modules are automatically accepted at all European universities**

  ▷ **Individual lectures are not automatically accepted at the European universities; you must negotiate with the module representatives**

▶ **For Second Year Students and Beyond**

  ▷ **Please see the coordinator personally during his consultation hours; bring an up to date transcript of records and your current plan of studies**

  ▷ **Projects are negotiated individually between students and supervisors; you must become active**

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Some Even More Specific Hints for Foreign Students

▶ **We assume that you have come to Germany because you want to be exposed to Germans, a German university and German culture**

    ▷ **Avoid your fellow countrymen and -women;
you can meet them when you are back home**

    ▷ **Make contact with Germans in the university, in the dormitories, in the city, during your studies, during shopping, during sports, during leisure etc**

    ▷ **Learn the German language by speaking to Germans**

        ▶▶ **German language classes as part of the Presentation and Communication Skills module (4 SWS / 2 cr)**

    ▷ **A German is likely to be as shy as you in approaching a foreigner;
be brave; if you make contact it is likely to be an advantage for both of you**

Finally

- ▶ **Join us during the weekly open house**
  (Thursdays, 2:50 pm - 4:20 pm on the 2nd floor main hall, but not today)

- ▶ **Christmas Party: 2 December 2015**

- ▶ **Logic Exam: 19 December 2015**

- ▶ **You may contact the coordinator (Steffen Hölldobler) anytime**
  - ▷ **Office phone number: +49 351 46 33 83 40**
  - ▷ **E-Mail: sh@iccl.tu-dresden.de**
  - ▷ **Mobile phone number: +49 151 27 02 36 23 (SMS in case of emergency)**

- ▶ **In case you experience any problems whatsoever please contact us**
  immediately; don't wait; problems will usually not go away, we will just have
  less time to solve them

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News

- **Skills lecture at 1pm in room 2026 today**

- **Thursday hiking tour: depends on the weather**

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