**Proposal for a Robotic-Workshop at GMS Bad Birnbach from 25.10. until 29.10.2021 by a delegation from HGS Lübeck**

Version: 20211008

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| **Lesson** | **Mo, 25.10.2021** | **Tu, 26.10.2021** | **Wd, 27.10.2021** | **Th, 28.10.2021** | **Fr, 29.10.2021** |
| **08:00**  1.  2.  3. | **Group I**  Start Software on Laptop  Start BrainBrick  Test Sensors by  short programs  (Turns, *Barking*, Display)  Assemble Vehicle  in 46 Steps | **Group II**  Start Software on Laptop  Start BrainBrick  Test Sensors by  short programs  (Turns, *Barking*, Display)  Assemble Vehicle  in 46 Steps | **Group III**  Start Software on Laptop  Start BrainBrick  Test Sensors by  short programs  (Turns, *Barking*, Display)  Assemble Vehicle  in 46 Steps | **Group I**  *Avoid collision  with an obstacle*  Follow a  black trace | **Group III**  *Avoid collision  with an obstacle*  Follow a  black trace |
| 4.  5.  6.  **13:00** | **Group I**  Drive a destinated trace  *Welcome a person*  Stop at colour RED  *Pull a coloured Box*  *to a destination*  Disassembling  (evtl. Vo, Dz, Le) | **Group II**  Drive a destinated trace  *Welcome a person*  Stop at colour RED  *Pull a coloured Box*  *to a destination*  Disassembling  (evtl. Vo, Dz, Le) | **Group III**  Drive a destinated trace  *Welcome a person*  Stop at colour RED  *Pull a coloured Box*  *to a destination*  NO Disassembling! | **Group II**  *Avoid collision  with an obstacle*  Follow a  black trace | ***Plenum*** *(fakultative)*  **Retrospect**:  Watchdog  *Welcomeparade*  Traffic light RED  Follow a trace  **Prospekt**:  Sorter robot  RobotArm  Gyroboy  *Pull-Challenge*  *Climb-Challenge*  Disassembling (Vo, Dz, Le) |

*Italic print = fakultative*