**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 BrainBrickTest Sensors byshort programs(Turns, *Barking*, Display)Assemble Vehicle in 46 Steps | **Group II**Start Software on Laptop Start BrainBrickTest Sensors byshort programs(Turns, *Barking*, Display)Assemble Vehicle in 46 Steps | **Group III**Start Software on Laptop Start BrainBrickTest Sensors byshort 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 REDFollow a trace**Prospekt**:Sorter robotRobotArmGyroboy*Pull-Challenge**Climb-Challenge*Disassembling(Vo, Dz, Le) |

*Italic print = fakultative*