TGMS-MEASUREMENTS

| LEGEND: | white: please f | white: please fill in light gray: opti | | | dark gray: don't fill in | | | | |
|--|-------------------|--|------|-----------|--------------------------|-------------------------------------|----------|----------|--|
| Full Name: | Pho | | | | | | Date: | = | |
| ruii ivaille. | | Pilone | • | E-IIIaII. | (20 | fhi.mpg.de | Date. | | |
| | | | | | | | | | |
| SAMPLES | | | | | | | | | |
| Sample composition (general): | | | | | | (include solvents if still present) | | | |
| Hazards: | |) 🔷 | (| O | 0 | • | 0 | | |
| Sample number and description | | | | | Pro | ject | File nam | е | |
| 1) | | | | | | | | | |
| 2) | | | | | | | | | |
| 3) | | | | | | | | | |
| 4) | | | | | | | | | |
| 5) | | | | | | | | | |
| 6) | | | | | | | | | |
| 7) | | | | | | | | | |
| 8) | | | | | | | | | |
| MEASUREMENT CONDITIONS | | | | | | | | | |
| Target temp. [°C] | Ramp rate [K/min] | Hold time [m | nin] | Gas phase | Other req | uests: | | | |
| | | | | | | | | _ | |
| Inertgas: Argon | mg to be | usea: | | | | | | | |
| Temp.& sens. calibration: 2, 5, 10 Kpm | | | | | | Yes | O N | lo Io | |
| XRD analysis after measurement? | | | | | | _ | | | |
| gas phase analysis (mass spectrometer)? If yes, what kind of mass signal you need: | | | | | | Yes | O N | No | |
| ,, | | | | | | | | | |
| Demonstra (Control of the Control of | | | | | | | | | |
| Remarks (hazards, melting point, sublimation temperatures): | | | | | | | | | |
| Measurement Type: | | | | | | | | | |
| O Routine TG-MS (up to 1000°C in Ar or syn. air on NETZSCH "Libra") | | | | | | | | | |
| ○ Routine TG-DSC/DTA-MS (up to 1600°C in Ar, syn. air or 5% H₂ on NETZSCH "Jupiter") | | | | | | | | | |
| High sensitive DSC (DSC up to 600°C on METTLER "Prometheus") | | | | | | | | | |
| Then sensitive bac (bac up to ood con with their monietieus) | | | | | | | | | |
| Please consider the goal of the measurement before your proposal! Scientific question to be answered: | | | | | | | | | |

Priority (reasons) / Deadline: