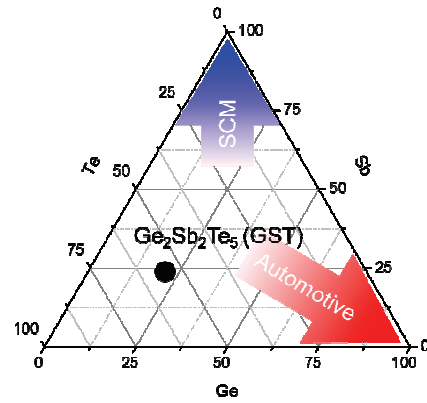


**Figure 1** : SET Time vs Retention Temperature for different phase-change materials. A trade-off exists between high-temperature data retention and SET programming time.



**Figure 2** : Ge-Sb-Te phase-change material ternary diagram associated to targeted applications.