



# Linux Plumbers Conference 2024

## Friday 20 September 2024

### Kernel Memory Management MC - "Hall L1" (15:00 - 18:30)

time	[id] title	presenter
15:00	[216] Memory Allocation Profiling deployment results and future improvements	BAGHDASARYAN, Suren TATASHIN, Pasha PANDA, Sourav
15:15	[219] Towards Better Memory Allocation for Device Drivers	TESAŘÍK, Petr
15:30	[146] DAMON: Long-term Plans for Kernel That {Just Works,Extensible}	PARK, SeongJae
15:45	[215] Poison & remedy of vmas instead of guards	HOWLETT, Liam STOAKES, Lorenzo
16:00	[221] Madvise lazy free	VAN RIEL, Rik
16:15	[209] Transitioning get_user_pages (GUP) to folio based mapping	KUMAR, Kundan
16:30	Break	
17:00	[200] Ongoing Challenges of Large Page Sizes	YESCAS, Juan SINGH, Kalesh
17:15	[183] mTHP and swap allocator	LI, Chris SONG, Kairui
17:30	[236] mTHP swap-out and swap-in	SONG, Barry Mr HAN, Chuanhua Mr ZHENG, Tangquan
17:45	[244] Multi-Gen LRU updates	RASMUSSEN, Axel ANBALAGANE, Guru XU, Wei XIE, Yuanchu
18:00	[231] TAO: THP Allocator Optimizations	ZHAO, Yu
18:15	[230] Policy zones: memory partitioning for fun and profit	ZHAO, Yu