Real models of arrangements and conical stratifications

Let us consider a central subspace and half-space arrangement \mathcal{A} in an euclidean vector space V and let $\mathcal{M}(\mathcal{A})$ be its complement. We construct some compactifications for the C^{∞} manifold $\mathcal{M}(\mathcal{A})/\mathbb{R}^+$. They turn out to be C^{∞} manifolds with corners equipped with a nice combinatorial description of the boundary. This generalizes a construction described by Kontsevich in "Deformation quantization of Poisson manifolds, I." (q-alg/9709040). Then we extend the construction to more general objects, i.e. stratified real manifolds whose stratification locally "looks like" the one induced by a subspace and half-space arrangement.