Non-projective compactifications of C^3

Let (X, Y) be an analytic compactification of C^3 with the second Betti number equal to one. In the case where X is projective, the structure of ((X, Y) is completely determined.
On the other hand, in the case where X is non-projective, it is not easy to determine the structure of (X, Y).
In my talk, I shall mainly treat this case of the non-projective compactification with non-nef boundary Y.

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